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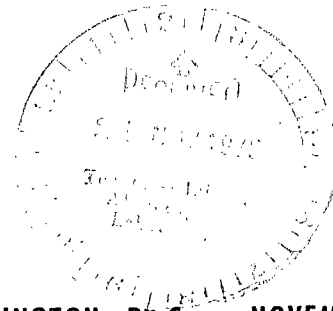


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MICROWAVE SPECTRAL LINE LISTING

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16. Abstract The frequency, intensity, and identification of 9615 spectral lines belonging to 75 molecules are tabulated in order of increasing frequency. Measurements for all 75 molecules were made in the frequency range from 26 500 to 40 000 MHz by a computer-controlled spectrometer. Measurements were also made in the 18 000 to 26 500 MHz range for some of the molecules.				13. Type of Report and Period Covered Technical Note	
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SUMMARY

The Langley Research Center has completed a program of measurement and tabulation of microwave rotational resonance (MRR) absorption spectra suitable for chemical analysis. Data on 9615 spectral lines belonging to 75 different molecules have been published. Most measurements were made in the frequency range from 26 500 to 40 000 MHz, with additional spectra measured for some molecules in the 18 000 to 26 500 MHz range. All measurements were made by a computer-controlled, Stark modulated spectrometer. The previously published data include measured values of absorption frequency, peak intensity, and integrated intensity along with experimental conditions such as Stark field intensity, sample temperature and pressure, and microwave power level.

This report includes a listing of the spectral lines in order of increasing frequency, together with the line peak intensity and the name of the corresponding chemical compound. A table is also provided which references the publication in which complete data may be found for each molecule and lists, in addition to the tabulated name, synonyms by which each is commonly known.

INTRODUCTION

The potential of microwave spectroscopy as a method of chemical analysis has long been recognized. However, for many years the technique was not feasible because of the lack of suitable instrumentation and reference data. At present the major obstacle to the routine use of microwave analytical techniques is the lack of reference-data catalogs similar to those available in other wavelength regions. As a first step toward providing such a catalog, the Langley Research Center has recently completed a program of measurement of spectral data for 75 molecules. The measurements were made by a computer-controlled, Stark modulated spectrometer in the frequency range from 26 500 to 40 000 MHz. In addition, spectra for some molecules were run in the range from 18 000 to 26 500 MHz. Measurements made on 9615 spectral lines have been published in references 1 to 3.

The data in references 1 to 3 are tabulated by molecule name. Each table contains the resonant frequency, frequency measurement uncertainty, peak intensity, integrated intensity (where measured), and the following data on experimental conditions: Stark

field intensity, sample pressure, sample temperature, microwave power level, and a code number explaining the reason for any missing data or rounding off of data for each line. Remarks are also included regarding sample purity, verification of identity, and other pertinent details.

The type of table described above is useful when dealing with a sample of known composition but is unwieldy to use in the identification of an unknown spectral line. This report addresses the problem by presenting a tabulation of all the previously measured spectral lines arranged in order of increasing frequency. The tabulation includes the intensity of each line and the name of the molecule to which it belongs. Once a tentative identification (or identifications) has been established for a line, further information needed for a positive identification may be found in references 1 to 3. Table I lists in alphabetical order all 75 molecules, along with other names by which each is commonly known and the reference in which further data may be found.

Descriptions of the spectrometer and computer subsystems, software, and experimental procedures have been previously published in references 1, 2, and 4.

EXPLANATION OF SPECTRAL TABLE

Frequencies

The first and fourth columns on each page of table II list the resonant frequencies of the lines in MHz, in ascending order. The tabulated frequencies are the observed values under the experimental conditions specified in the appropriate table from reference 1, 2, or 3. In some cases the lines are affected by overlap or Stark lobe interference, and the observed frequencies may vary with pressure and/or Stark field intensity. The frequencies were measured with a precision of 0.001 MHz but are rounded off to the nearest 0.01 MHz whenever the experimental uncertainty is 0.1 MHz or greater. The uncertainties are tabulated in references 1 to 3.

Intensities

The second and fifth columns of table II list the peak absorption intensities observed under the specified conditions from reference 1, 2, or 3. Intensities are given in the form $-10 \log \gamma/\gamma_r$ where γ is the Beer's law absorption coefficient in cm^{-1} and the subscript r denotes a reference value. The reference value γ_r is chosen to be unity so that the tabulated intensities are numerically equal to $-10 \log (\text{Absolute intensity})$. For simplicity the column headings are given as just $-10 \log \gamma$.

All intensities were measured with a precision of 0.01 dB and tabulated to the nearest 0.1 dB. For the reasons mentioned in references 1 to 3, many of the measurements are again rounded off to the nearest 1 dB. Those lines which have intensities tabulated

to 0.1 dB may be assumed to have an intensity coefficient which is relatively insensitive to pressure so long as care is taken to avoid power saturation or undermodulation. In general, the spectrometer was operated so that the minimum detectable line intensity was of the order of 1.6×10^{-7} ($-10 \log \gamma = 68$). For some molecules the sensitivity was varied, and these variations are given in references 1 to 3.

Names

The third and sixth columns of table II list the names of the molecules to which the lines belong as they are tabulated in references 1 to 3. The naming system is that of Chemical Abstracts, volume 76, 1972. Table I also lists other names by which each molecule is known.

CONCLUDING REMARKS

This frequency atlas provides a convenient means of identifying the chemical species to which an observed spectral line belongs. It is not self-sufficient for that purpose, since observation of a single spectral line is not, in general, evidence for positive identification of a molecule. The primary value of this report is to provide quickly one or more tentative identifications, which may then be verified by use of further data on the molecules in question. It should also be remembered that all spectral lines for a molecule do not appear in this listing, since the spectrometer was programed to ignore lines with an intensity less than 1.6×10^{-7} for most molecules.

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National Aeronautics and Space Administration
Hampton Va. 23665
August 15, 1975

REFERENCES

1. White, William F.: Microwave Spectra of Some Sulfur and Nitrogen Compounds. NASA TN D-7450, 1974.
2. White, William F.: Microwave Spectra of Some Volatile Organic Compounds. NASA TN D-7904, 1975.
3. White, William F.: Microwave Spectra of Some Chlorine and Fluorine Compounds. NASA TN D-8002, 1975.
4. White, William F.: Software and Modifications for Automated Microwave Spectral Measurements on the Hewlett Packard 8460 Spectrometer. NASA TM X-71993, 1974.

TABLE I.- MOLECULES FOR WHICH SPECTRAL DATA ARE INCLUDED

Name	Reference (a)	Synonyms
Acetaldehyde	2	Ethanal
Acetonitrile	1	Methyl cyanide, ethanenitrile
Ammonia	1	
2-Butenal	2	Crotonaldehyde
3-Butenenitrile	1	Allyl cyanide, vinyl acetonitrile
Carbon oxide sulfide	1	Carbonyl sulfide, carbon oxysulfide
Chlorobenzene	3	Phenyl chloride
Chlorodifluoromethane	3	Freon-22
Chloroethane	3	Ethyl chloride
Chloroethene	3	Vinyl chloride, chloroethylene
Chloromethane	3	Methyl chloride
1-Chloropropane	3	n-Propyl chloride
2-Chloropropane	3	Isopropyl chloride
Chlorotrifluoromethane	3	Freon-13, Genetron-13, Isotron-13
Dichlorodifluoromethane	3	Freon-12, Genetron-12, Isotron-12, Ucon-12
1,1-Dichloroethane	3	Ethylidene chloride
1,2-Dichloroethane	3	Ethylene chloride, ethylene dichloride
cis 1,2-Dichloroethene	3	1,2-Dichloroethylene, acetylene dichloride
Dichloromethane	3	Methylene chloride
1,1-Difluoroethene	3	1,1-Difluoroethylene, vinylidene fluoride, Genetron-1132A
2,5-Dihydrofuran	2	
2(3H)-Dihydrofuranone	2	4-Butyrolactone, 4-hydroxybutanoic acid lactone, γ -hydroxybutyric acid lactone
Dimethyl disulfide	1	Methyl disulfide, methyldithiomethane
Epoxybutane	2	1,2-Epoxybutane
Ethanamine	1	Ethylamine, aminoethane
Ethanethiol	1	Ethyl mercaptan
Ethanol	2	Ethyl alcohol
Ethylene glycol cyclic sulfite	1	Ethylene sulfite, glycol sulfite
Fluorobenzene	3	Phenyl fluoride
Fluoroethene	3	Fluoroethylene, vinyl fluoride
1-Fluoro-4-methylbenzene	3	p-Fluorotoluene
Formaldehyde	2	Methanal
Formamide	1	Methanamide
Formic acid, methyl ester	2	Methyl formate, methyl methanoate
Furan	2	Furfuran, oxole
2-Furancarboxaldehyde	2	2-Furaldehyde, furfural
Hydrocyanic acid	1	Hydrogen cyanide, prussic acid

^aReference in which complete data on the molecule may be found.

TABLE I.- Concluded

Name	Reference (a)	Synonyms
Isoxazole	1	
Methanamine	1	Methylamine, aminomethane
Methanethiol	1	Methyl mercaptan
Methanol	2	Methyl alcohol
2-Methylfuran	2	Sylvan
Methyloxirane	2	Propylene oxide, 1,2-epoxypropane, propene oxide
Methyl sulfide	1	Dimethyl sulfide, methylthiomethane
Methyl thiirane	1	Propylene sulfide
Nitroethane	1	
Nitromethane	1	
Oxetane	2	1,3-Epoxypropane, trimethylene oxide
Oxirane	2	Ethylene oxide, 1,2-epoxyethane
2-Oxo-propanal	2	Methylglyoxal, pyruvaldehyde, pyruvic aldehyde
Oxybismethane	2	Dimethyl ether, methyl ether, methoxymethane
Propanal	2	Propionaldehyde
Propanenitrile	1	Ethyl cyanide, propionitrile
1-Propanol	2	n Propyl alcohol
2-Propanol	2	Isopropyl alcohol
2-Propanone	2	Acetone, dimethyl ketone
2-Propenal	2	Acrolein, acrylaldehyde
2-Propenenitrile	1	Acrylonitrile, vinyl cyanide
2-Propene-1-thiol	1	Allyl mercaptan
2-Propen-1-ol	2	Allyl alcohol
Propyne	2	Methylacetylene
2-Propyn-1-ol	2	Propargyl alcohol, propiolic alcohol
Pyridine	1	
Pyrrole	1	Azole
Sulfur dioxide	1	
Tetrahydrofuran	2	1,4-Epoxybutane, tetramethylene oxide
Tetrahydrothiophene	1	
Thiazole	1	
Thietane	1	Trimethylene sulfide
Thiirane	1	Ethylene sulfide
Thiophene	1	Thiofuran
1,1,1-Trichloroethane	3	Methylchloroform
Trichloroethene	3	Trichloroethylene, ethinyl trichloride
Trichlorofluoromethane	3	Freon-11, Genetron-11, Isotron-11, Ucon-11
Trichloromethane	3	Chloroform

^aReference in which complete data on molecule may be found.

TABLE II. - MICROWAVE SPECTRAL LINES

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
18017.33	45	AMMONIA	18840.378	62	DICHLOROMETHANE
18045.525	69	METHYLOXIRANE	18877.550	67	DICHLORMETHANE
18048.920	69	METHYLOXIRANE	18884.70	48	AMMONIA
18102.23	65	DICHLOROMETHANE	18936.825	66	ETHANOL
18103.615	62	METHYLOXIRANE	19010.60	70	METHANAMINE
18127.10	54	AMMONIA	19011.06	68	METHANAMINE
18142.445	66	DICHLOROMETHANE	19013.32	53	METHANAMINE
18143.273	68	DICHLOROMETHANE	19073.175	72	DICHLORODIFLUOROMETHANE
18161.37	67	METHANOL	19110.631	59	METHANAMINE
18162.35	54	AMMONIA	19140.85	69	METHANOL
18214.252	67	DICHLOROMETHANE	19156.23	69	2-PROPANOL
18218.342	65	DICHLOROMETHANE	19163.352	64	DICHLOROMETHANE
18220.140	66	DICHLOROMETHANE	19218.46	46	AMMONIA
18220.23	61	METHANOL	19225.573	67	ACETALDEHYDE
18269.740	65	DICHLOROMETHANE	19238.695	68	ETHANOL
18285.43	51	AMMONIA	19250.034	71	DICHLORODIFLUOROMETHANE
18341.293	68	DICHLOROMETHANE	19262.164	64	ACETALDEHYDE
18376.222	66	DICHLOROMETHANE	19265.150	64	ACETALDEHYDE
18384.913	68	DICHLORODIFLUOROMETHANE	19268.170	67	ACETALDEHYDE
18391.48	56	AMMONIA	19281.138	69	DICHLOROMETHANE
18396.76	59	ACETONITRILE	19288.21	70	2-PROPANOL
18398.02	56	ACETONITRILE	19288.437	68	ETHANOL
18399.90	63	ACETONITRILE	19355.954	67	DICHLOROMETHANE
18407.81	69	2-PROPANOL	19390.11	67	METHANOL
18441.742	69	DICHLOROMETHANE	19410.46	70	2-PROPANOL
18451.82	66	ACETONITRILE	19515.065	69	DICHLORODIFLUOROMETHANE
18453.09	64	ACETONITRILE	19589.03	68	ACETALDEHYDE
18499.39	46	AMMONIA	19595.18	65	FORMALDEHYDE
18540.599	69	ETHANOL	19598.92	68	2-PROPANOL
18562.433	69	METHANAMINE	19614.41	69	METHANAMINE
18564.138	65	DICHLOROMETHANE	19637.11	56	SULFUR DIOXIDE
18573.344	70	METHYLOXIRANE	19645.736	69	DICHLORMETHANE
18681.495	67	METHANAMINE	19659.47	70	METHYLOXIRANE
18682.99	68	METHYLOXIRANE	19674.388	62	FLUOROETHENE
18683.65	69	METHYLOXIRANE	19724.697	59	METHANAMINE
18705.69	69	2-PROPANOL	19738.72	69	FLUOROETHENE
18723.168	69	FLUOROETHENE	19754.893	58	FLUOROETHENE
18749.240	65	ETHANOL	19757.56	42	AMMONIA
18808.50	47	AMMONIA	19775.437	66	FLUOROETHENE
18832.324	70	DICHLORODIFLUOROMETHANE	19775.943	69	METHANAMINE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
19777.41	67	METHANAMINE	20456.85	68	2-PROPANOL
19807.40	69	2-PROPANOL	20495.586	69	ETHANOL
19838.39	52	AMMONIA	20514.086	66	DICHLOROMETHANE
19885.494	64	DICHLOROMETHANE	20514.37	57	DICHLOROMETHANE
19919.44	57	METHANAMINE	20545.773	69	METHYLOXIRANE
19929.137	73	DICHLORODIFLUOROMETHANE	20547.290	60	METHANAMINE
19929.881	71	DICHLORODIFLUOROMETHANE	20547.343	68	ETHANOL
19931.828	70	ETHANOL	20575.152	69	DICHLORODIFLUOROMETHANE
19933.611	66	METHANAMINE	20614.64	69	2-PROPANOL
19953.424	62	FLUOROETHENE	20629.94	68	2-PROPANOL
19954.456	70	DICHLOROMETHANE	20645.07	67	METHYLOXIRANE
19956.271	65	DICHLOROMETHANE	20645.99	69	ETHANOL
19957.246	69	DICHLOROMETHANE	20646.60	69	ETHANOL
19958.079	69	DICHLOROMETHANE	20689.64	70	2-PROPANOL
19959.728	69	ETHANOL	20719.22	41	AMMONIA
19960.397	65	DICHLOROMETHANE	20719.614	70	DICHLOROMETHANE
19967.39	61	METHANOL	20727.468	75	DICHLORODIFLUOROMETHANE
20032.90	68	2-PROPANOL	20735.45	46	AMMONIA
20075.99	53	METHANAMINE	20765.983	71	DICHLORODIFLUOROMETHANE
20101.585	70	DICHLOROMETHANE	20795.683	61	FLUOROETHENE
20102.225	62	FLUOROETHENE	20804.85	43	AMMONIA
20111.097	69	ETHANOL	20807.16	69	DICHLOROMETHANE
20171.10	57	METHANOL	20807.908	67	DICHLOROMETHANE
20207.269	63	FLUOROETHENE	20808.64	69	DICHLOROMETHANE
20231.622	65	DICHLOROMETHANE	20819.555	67	DICHLOROMETHANE
20235.90	71	METHYLOXIRANE	20831.181	60	METHANAMINE
20243.465	58	METHANAMINE	20834.53	70	ETHANOL
20259.085	66	DICHLOROMETHANE	20848.357	75	DICHLORODIFLUOROMETHANE
20259.904	64	DICHLOROMETHANE	20852.53	50	AMMONIA
20260.726	66	DICHLOROMETHANE	20869.43	68	2-PROPANOL
20278.297	64	FLUOROETHENE	20908.54	71	2-PROPANOL
20298.658	71	DICHLORODIFLUOROMETHANE	20908.85	58	METHANOL
20299.961	61	DICHLOROMETHANE	20911.589	70	METHANAMINE
20302.765	69	METHANAMINE	20947.195	69	METHANAMINE
20305.573	71	DICHLORODIFLUOROMETHANE	20957.623	71	DICHLORODIFLUOROMETHANE
20325.75	68	METHANAMINE	20957.914	69	DICHLORODIFLUOROMETHANE
20335.40	52	SULFUR DIOXIDE	20958.207	72	DICHLORODIFLUOROMETHANE
20346.83	61	METHANOL	20970.65	57	METHANOL
20361.617	72	DICHLORODIFLUOROMETHANE	20971.91	66	METHANAMINE
20371.45	45	AMMONIA	20973.213	65	METHANAMINE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
20975.794	70	DICHLOROMETHANE	21296.883	58	METHANAMINE
20978.295	70	DICHLOROMETHANE	21311.874	71	ETHANOL
20979.012	70	DICHLOROMETHANE	21336.574	65	FLUOROETHENE
20981.518	70	DICHLOROMETHANE	21347.097	68	METHYLOXIRANE
20986.27	70	2-PROPANOL	21371.014	68	DICHLORODIFLUOROMETHANE
20994.627	64	METHANAMINE	21371.813	70	DICHLORODIFLUOROMETHANE
20994.63	41	AMMONIA	21391.62	53	AMMONIA
20995.990	71	METHYLOXIRANE	21414.976	63	FLUOROETHENE
21008.66	74	DICHLOROMETHANE	21461.359	69	DICHLOROMETHANE
21011.356	65	DICHLOROMETHANE	21478.84	66	METHANAMINE
21012.14	70	DICHLOROMETHANE	21509.419	67	DICHLORODIFLUOROMETHANE
21012.861	66	METHANAMINE	21519.157	71	DICHLORODIFLUOROMETHANE
21013.00	71	DICHLOROMETHANE	21550.28	57	METHANOL
21018.06	71	METHYLOXIRANE	21565.005	70	DICHLORODIFLUOROMETHANE
21018.85	71	METHYLOXIRANE	21568.62	70	METHYLOXIRANE
21019.074	60	METHANAMINE	21569.47	70	METHYLOXIRANE
21019.61	71	METHYLOXIRANE	21593.11	67	2-PROPANOL
21026.51	66	METHANAMINE	21597.99	67	2-PROPANOL
21029.535	67	METHYLOXIRANE	21606.398	64	ETHANOL
21030.957	68	DICHLOROMETHANE	21611.28	70	METHYLOXIRANE
21031.942	67	METHYLOXIRANE	21611.89	70	METHYLOXIRANE
21032.618	64	DICHLOROMETHANE	21615.130	64	METHANAMINE
21034.267	68	DICHLOROMETHANE	21618.727	69	DICHLOROMETHANE
21035.23	67	METHANAMINE	21626.445	68	METHYLOXIRANE
21048.507	69	ETHANOL	21637.90	60	AMMONIA
21051.541	60	METHANAMINE	21642.614	67	DICHLOROMETHANE
21070.74	48	AMMONIA	21643.00	69	DICHLOROMETHANE
21099.405	74	DICHLORODIFLUOROMETHANE	21652.06	71	2-PROPANOL
21115.171	60	METHYLOXIRANE	21653.07	70	2-PROPANOL
21134.30	48	AMMONIA	21653.68	70	2-PROPANOL
21142.065	66	DICHLOROMETHANE	21682.14	70	METHANAMINE
21146.74	72	METHANOL	21692.28	68	OXIRANE
21151.379	75	DICHLORODIFLUOROMETHANE	21703.36	41	AMMONIA
21167.148	67	DICHLOROMETHANE	21705.67	69	METHANAMINE
21202.703	70	METHANAMINE	21708.64	64	METHANOL
21244.21	70	METHANOL	21712.642	60	METHANAMINE
21268.84	68	2-PROPANOL	21740.22	71	2-PROPANOL
21281.588	68	ETHANOL	21744.284	65	FLUOROETHENE
21285.28	38	AMMONIA	21765.13	57	METHANAMINE
21285.934	68	ETHANOL	21815.874	70	DICHLOROMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
21817.98	57	AMMONIA	22345.94	65	ACETALDEHYDE
21841.833	51	METHANAMINE	22346.47	65	ACETALDEHYDE
21846.41	62	AMMONIA	22353.91	58	AMMONIA
21858.163	70	METHYLOXIRANE	22357.365	69	DICHLOROMETHANE
21858.393	69	DICHLOROMETHANE	22358.71	68	DICHLOROMETHANE
21896.381	67	ETHANOL	22359.07	68	DICHLOROMETHANE
21899.531	68	ETHANOL	22360.406	69	DICHLOROMETHANE
21910.237	68	ETHANOL	22364.41	70	2-PROPANOL
21921.229	64	DICHLOROMETHANE	22369.40	71	METHANAMINE
21930.00	65	METHANAMINE	22369.807	69	METHANAMINE
21931.421	67	METHANAMINE	22381.975	69	METHANAMINE
21990.206	65	ETHANOL	22399.81	70	2-PROPANOL
22060.433	64	METHANAMINE	22428.054	68	DICHLOROMETHANE
22065.68	62	SULFUR DIOXIDE	22445.71	69	2-PROPANOL
22078.69	69	2-PROPANOL	22460.18	69	2-PROPANOL
22080.771	69	METHANAMINE	22470.270	70	DICHLOROMETHANE
22087.134	68	ACETALDEHYDE	22474.405	69	ETHANOL
22109.485	68	DICHLOROMETHANE	22482.56	51	SULFUR DIOXIDE
22112.106	64	METHANAMINE	22496.18	67	2-PROPANOL
22162.160	70	DICHLORODIFLUOROMETHANE	22520.84	68	ETHANOL
22192.46	71	2-PROPANOL	22527.95	51	METHANAMINE
22208.569	66	ACETALDEHYDE	22531.899	67	ETHANOL
22220.36	63	SULFUR DIOXIDE	22532.134	68	DICHLOROMETHANE
22221.214	68	METHANAMINE	22548.986	72	DICHLORODIFLUOROMETHANE
22231.52	68	2-PROPANOL	22581.447	64	METHANAMINE
22233.21	58	AMMONIA	22588.05	68	2-PROPANOL
22233.46	58	AMMONIA	22588.287	65	METHANAMINE
22234.39	68	ACETALDEHYDE	22626.658	73	DICHLORODIFLUOROMETHANE
22234.50	46	AMMONIA	22636.615	70	DICHLOROMETHANE
22258.386	57	METHANAMINE	22649.86	59	AMMONIA
22298.61	71	2-PROPANOL	22653.02	39	AMMONIA
22302.61	68	DICHLOROMETHANE	22675.45	69	2-PROPANOL
22303.320	66	DICHLOROMETHANE	22686.855	71	DICHLOROMETHANE
22304.04	69	DICHLOROMETHANE	22688.31	36	AMMONIA
22308.04	63	DICHLOROMETHANE	22722.579	59	METHANAMINE
22313.144	66	DICHLOROMETHANE	22732.43	39	AMMONIA
22313.530	69	ACETALDEHYDE	22733.96	62	SULFUR DIOXIDE
22314.151	68	DICHLOROMETHANE	22734.411	69	DICHLORODIFLUOROMETHANE
22317.76	68	2-PROPANOL	22745.790	69	DICHLOROMETHANE
22326.18	67	ACETALDEHYDE	22747.18	68	DICHLOROMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
22747.52	68	DICHLOROMETHANE	23097.84	53	AMMONIA
22748.902	69	DICHLOROMETHANE	23098.16	52	AMMONIA
22758.41	68	2-PROPANOL	23098.82	43	AMMONIA
22759.22	55	METHANAMINE	23099.48	52	AMMONIA
22765.701	69	METHANAMINE	23099.79	53	AMMONIA
22765.898	61	FLUOROETHENE	23108.88	67	2-PROPANOL
22789.43	59	AMMONIA	23118.964	57	METHANAMINE
22797.959	72	DICHLORODIFLUOROMETHANE	23121.02	56	METHANOL
22798.865	70	DICHLORODIFLUOROMETHANE	23127.71	70	ETHANOL
22811.789	69	ETHANOL	23128.22	69	ETHANOL
22818.675	69	METHANAMINE	23130.19	68	ETHANOL
22834.19	39	AMMONIA	23134.21	53	OXIRANE
22835.728	68	DICHLORODIFLUOROMETHANE	23165.71	67	2-PROPANOL
22837.10	65	2-PROPANOL	23170.90	72	ACETALDEHYDE
22859.420	71	DICHLORODIFLUOROMETHANE	23177.564	67	ETHANOL
22859.894	69	DICHLORODIFLUOROMETHANE	23209.20	68	2-PROPANOL
22860.379	71	DICHLORODIFLUOROMETHANE	23217.68	67	2-PROPANOL
22866.35	69	2-PROPANOL	23219.156	63	METHANAMINE
22904.90	62	SULFUR DIOXIDE	23219.459	68	DICHLOROMETHANE
22911.52	68	2-PROPANOL	23222.56	69	ETHANOL
22924.94	37	AMMONIA	23232.23	41	AMMONIA
22928.57	63	SULFUR DIOXIDE	23263.418	70	ACETALDEHYDE
22959.261	69	DICHLORODIFLUOROMETHANE	23263.47	70	ETHANOL
22965.626	52	FORMALDEHYDE	23264.45	67	2-PROPANOL
22970.706	71	DICHLOROMETHANE	23278.45	67	OXIRANE
22980.893	60	METHANAMINE	23300.84	66	METHANAMINE
22980.96	69	2-PROPANOL	23305.52	67	2-PROPANOL
22981.54	63	METHANAMINE	23311.30	65	METHANAMINE
22981.61	68	2-PROPANOL	23311.424	67	DICHLOROMETHANE
22986.52	69	ACETALDEHYDE	23315.551	64	METHANAMINE
23029.315	71	DICHLORODIFLUOROMETHANE	23340.21	66	2-PROPANOL
23029.539	73	DICHLORODIFLUOROMETHANE	23340.726	62	METHANAMINE
23034.81	56	SULFUR DIOXIDE	23341.25	67	2-PROPANOL
23047.47	68	2-PROPANOL	23341.32	64	METHANAMINE
23053.373	66	DICHLOROMETHANE	23346.95	66	METHANOL
23057.42	68	2-PROPANOL	23364.768	70	ACETALDEHYDE
23071.187	66	METHANAMINE	23367.55	65	2-PROPANOL
23071.76	69	METHANAMINE	23374.31	66	2-PROPANOL
23091.15	69	METHANAMINE	23386.28	66	2-PROPANOL
23091.64	69	METHANAMINE	23389.54	68	2-PROPANOL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
23394.44	67	2-PROPANOL	23696.03	48	AMMONIA
23409.218	60	METHANAMINE	23717.714	72	DICHLORODIFLUOROMETHANE
23414.24	52	SULFUR DIOXIDE	23720.512	70	DICHLOROMETHANE
23421.98	61	AMMONIA	23720.60	49	AMMONIA
23428.697	72	DICHLOROMETHANE	23721.36	48	AMMONIA
23428.782	66	ETHANOL	23722.64	37	AMMONIA
23429.369	60	METHANAMINE	23723.92	48	AMMONIA
23432.830	64	METHANAMINE	23724.69	48	AMMONIA
23444.78	55	METHANOL	23731.29	55	CARBON OXIDE SULFIDE
23446.179	70	DICHLOROMETHANE	23732.98	63	SULFUR DIOXIDE
23449.43	63	METHANAMINE	23742.383	71	ACETALDEHYDE
23450.153	61	METHANAMINE	23749.70	71	2-PROPANOL
23453.101	67	DICHLOROMETHANE	23755.553	72	DICHLORODIFLUOROMETHANE
23454.80	65	DICHLOROMETHANE	23787.872	72	DICHLORODIFLUOROMETHANE
23456.485	67	DICHLOROMETHANE	23810.86	70	2-PROPANOL
23493.47	71	ETHANOL	23811.50	70	2-PROPANOL
23493.77	71	ETHANOL	23812.815	72	DICHLOROMETHANE
23498.300	69	DICHLOROMETHANE	23817.48	67	2-PROPANOL
23505.759	74	DICHLORODIFLUOROMETHANE	23854.24	62	METHANOL
23511.10	70	2-PROPANOL	23861.302	59	METHANAMINE
23526.994	71	METHANAMINE	23867.83	47	AMMONIA
23552.685	69	DICHLORODIFLUOROMETHANE	23868.46	46	AMMONIA
23561.05	67	OXIRANE	23870.13	34	AMMONIA
23576.23	67	2-PROPANOL	23871.79	47	AMMONIA
23581.212	66	DICHLORODIFLUOROMETHANE	23872.44	48	AMMONIA
23587.03	66	2-PROPANOL	23873.497	56	METHANAMINE
23587.17	71	DICHLOROMETHANE	23876.934	67	ETHANOL
23596.41	70	ETHANOL	23881.71	69	DICHLOROMETHANE
23608.24	71	METHANAMINE	23898.21	66	DICHLOROMETHANE
23610.38	51	OXIRANE	23898.683	64	DICHLOROMETHANE
23630.40	71	2-PROPANOL	23899.15	66	DICHLOROMETHANE
23657.47	43	AMMONIA	23906.542	73	DICHLORODIFLUOROMETHANE
23665.04	69	ETHANOL	23937.79	67	2-PROPANOL
23665.53	69	ETHANOL	23947.318	70	DICHLOROMETHANE
23678.90	71	2-PROPANOL	23947.56	69	ETHANOL
23683.316	59	METHANAMINE	23947.591	69	DICHLORODIFLUOROMETHANE
23692.97	48	AMMONIA	23947.96	69	ETHANOL
23693.93	46	AMMONIA	23979.086	71	DICHLOROMETHANE
23694.49	42	AMMONIA	23985.236	67	DICHLOROMETHANE
23695.07	46	AMMONIA	23988.62	65	DICHLOROMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
23991.978	67	DICHLOROMETHANE	24406.966	69	DICHLORODIFLUOROMETHANE
23999.84	71	ACETALDEHYDE	24407.316	73	DICHLORODIFLUOROMETHANE
24018.237	71	DICHLORODIFLUOROMETHANE	24447.384	65	DICHLOROMETHANE
24019.04	57	METHANAMINE	24479.980	63	DICHLOROMETHANE
24028.047	69	DICHLOROMETHANE	24484.87	70	METHYLOXIRANE
24037.161	72	METHANAMINE	24485.63	67	METHYLOXIRANE
24039.63	50	SULFUR DIOXIDE	24520.479	69	ACETALDEHYDE
24041.337	68	DICHLOROMETHANE	24521.32	70	2-PROPANOL
24045.302	63	DICHLOROMETHANE	24530.43	52	AMMONIA
24046.157	70	DICHLORODIFLUOROMETHANE	24530.90	52	AMMONIA
24049.268	69	DICHLOROMETHANE	24531.11	70	2-PROPANOL
24068.350	51	FORMALDEHYDE	24532.99	36	AMMONIA
24078.794	67	METHANAMINE	24536.248	69	METHYLOXIRANE
24083.47	52	SULFUR DIOXIDE	24570.306	65	METHYLOXIRANE
24100.56	71	DICHLOROMETHANE	24571.11	69	METHYLOXIRANE
24101.237	69	DICHLOROMETHANE	24573.097	71	DICHLORODIFLUOROMETHANE
24103.95	69	DICHLOROMETHANE	24577.89	67	DICHLOROMETHANE
24106.655	71	METHYLOXIRANE	24578.642	63	DICHLOROMETHANE
24124.208	69	ETHANOL	24579.39	67	DICHLOROMETHANE
24126.999	69	ETHANOL	24588.441	67	DICHLORODIFLUOROMETHANE
24136.96	51	AMMONIA	24609.272	69	ACETALDEHYDE
24137.51	51	AMMONIA	24633.551	70	DICHLORODIFLUOROMETHANE
24139.42	36	AMMONIA	24637.292	66	DICHLOROMETHANE
24141.32	71	ACETALDEHYDE	24640.20	64	DICHLOROMETHANE
24141.32	51	AMMONIA	24642.71	66	2-PROPANOL
24141.87	52	AMMONIA	24643.104	66	DICHLOROMETHANE
24205.29	43	AMMONIA	24661.80	71	ACETALDEHYDE
24247.65	62	CARBON OXIDE SULFIDE	24663.449	70	METHYLOXIRANE
24253.38	60	CARBON OXIDE SULFIDE	24677.99	69	METHYLOXIRANE
24288.613	69	ETHANOL	24678.45	69	METHYLOXIRANE
24293.47	66	2-PROPANOL	24703.46	68	2-PROPANOL
24311.420	71	DICHLORODIFLUOROMETHANE	24735.02	68	2-PROPANOL
24319.65	58	SULFUR DIOXIDE	24746.234	70	METHYLOXIRANE
24325.92	41	CARBON OXIDE SULFIDE	24748.955	66	METHYLOXIRANE
24337.157	69	DICHLOROMETHANE	24750.190	66	METHYLOXIRANE
24355.56	54	CARBON OXIDE SULFIDE	24753.656	72	DICHLORODIFLUOROMETHANE
24361.15	66	OXIRANE	24758.30	69	2-PROPANOL
24380.99	54	CARBON OXIDE SULFIDE	24789.50	69	ETHANOL
24383.265	65	ETHANOL	24802.204	67	ACETALDEHYDE
24406.613	73	DICHLORODIFLUOROMETHANE	24808.877	70	DICHLOROMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
24811.563	69	DICHLOROMETHANE	25066.02	67	DICHLOROMETHANE
24812.329	69	DICHLOROMETHANE	25066.89	69	DICHLOROMETHANE
24815.014	70	DICHLOROMETHANE	25087.172	63	DICHLOROMETHANE
24825.004	70	DICHLORODIFLUOROMETHANE	25110.152	63	DICHLOROMETHANE
24834.26	48	OXIRANE	25120.156	65	FLUOROETHENE
24834.26	64	SULFUR DIOXIDE	25124.87	52	METHANOL
24847.908	67	DICHLOROMETHANE	25133.385	70	DICHLORODIFLUOROMETHANE
24868.735	59	METHYLOXIRANE	25155.15	69	2-PROPANOL
24879.73	69	2-PROPANOL	25158.040	72	DICHLORODIFLUOROMETHANE
24881.92	48	AMMONIA	25170.971	69	ETHANOL
24889.386	50	METHANAMINE	25176.521	71	METHANAMINE
24889.77	52	METHANAMINE	25206.60	50	METHANAMINE
24897.614	72	DICHLORODIFLUOROMETHANE	25211.11	68	OXIRANE
24923.65	52	OXIRANE	25222.422	67	METHYLOXIRANE
24925.202	65	DICHLOROMETHANE	25229.335	69	DICHLOROMETHANE
24928.70	55	METHANOL	25232.815	67	METHYLOXIRANE
24933.47	54	METHANOL	25247.82	66	OXIRANE
24934.33	57	METHANOL	25260.876	64	DICHLOROMETHANE
24946.709	72	DICHLORODIFLUOROMETHANE	25271.092	62	DICHLOROMETHANE
24959.07	53	METHANOL	25280.61	69	2-PROPANOL
24968.252	61	FLUOROETHENE	25294.41	51	METHANOL
24982.801	63	DICHLOROMETHANE	25319.20	65	2-PROPANOL
24984.88	66	2-PROPANOL	25321.514	71	DICHLORODIFLUOROMETHANE
24993.59	71	ACETALDEHYDE	25322.161	70	DICHLORODIFLUOROMETHANE
24993.724	65	METHANAMINE	25329.96	64	METHANOL
25002.37	67	OXIRANE	25358.663	72	DICHLORODIFLUOROMETHANE
25006.154	70	FLUOROETHENE	25370.08	69	METHYLOXIRANE
25008.614	69	ACETALDEHYDE	25392.82	50	SULFUR DIOXIDE
25015.92	66	METHANAMINE	25401.540	62	METHANAMINE
25016.22	69	2-PROPANOL	25402.791	65	DICHLOROMETHANE
25018.12	52	METHANOL	25445.15	67	2-PROPANOL
25028.893	65	DICHLOROMETHANE	25473.44	67	METHANAMINE
25049.45	54	SULFUR DIOXIDE	25479.48	71	METHYLOXIRANE
25053.39	52	AMMONIA	25480.29	71	METHYLOXIRANE
25053.82	51	AMMONIA	25487.825	70	DICHLOROMETHANE
25056.02	34	AMMONIA	25507.462	56	METHANAMINE
25063.513	56	METHANAMINE	25508.47	70	ACETALDEHYDE
25063.94	69	ETHANOL	25529.404	68	DICHLOROMETHANE
25064.613	71	DICHLORODIFLUOROMETHANE	25530.270	67	DICHLOROMETHANE
25065.317	65	DICHLOROMETHANE	25530.68	70	DICHLOROMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
25532.54	69	DICHLOROMETHANE	25832.755	61	DICHLOROMETHANE
25533.03	67	DICHLOROMETHANE	25843.082	72	DICHLORODIFLUCROMETHANE
25534.724	69	DICHLOROMETHANE	25855.96	67	2-PROPANOL
25535.70	70	DICHLOROMETHANE	25927.571	71	ACETALDEHYDE
25536.03	69	DICHLOROMETHANE	25935.41	72	ACETALDEHYDE
25537.387	69	DICHLOROMETHANE	25960.25	65	2-PROPANOL
25541.39	51	METHANOL	25980.211	68	DICHLOROMETHANE
25561.255	69	METHYLOXIRANE	25981.128	64	DICHLOROMETHANE
25592.11	71	ACETALDEHYDE	25982.043	68	DICHLOROMETHANE
25599.778	69	DICHLOROMETHANE	25997.725	69	METHYLOXIRANE
25622.30	70	METHYLOXIRANE	26009.109	71	FLUOROETHENE
25623.74	65	METHYLOXIRANE	26012.957	65	DICHLOROMETHANE
25624.751	67	ETHANOL	26024.408	71	DICHLORODIFLUCROMETHANE
25633.930	69	METHANAMINE	26024.655	69	DICHLORODIFLUOROMETHANE
25637.520	67	DICHLORODIFLUOROMETHANE	26024.896	71	DICHLORODIFLUCROMETHANE
25644.71	65	2-PROPANOL	26029.49	70	ACETALDEHYDE
25646.477	67	DICHLOROMETHANE	26034.428	72	DICHLORODIFLUOROMETHANE
25648.180	65	DICHLOROMETHANE	26043.433	72	DICHLORODIFLUCROMETHANE
25649.892	67	DICHLOROMETHANE	26064.160	71	ETHANOL
25657.99	71	ACETALDEHYDE	26075.96	67	2-PROPANOL
25665.13	70	METHANAMINE	26081.894	72	DICHLORODIFLUCROMETHANE
25665.286	69	ACETALDEHYDE	26085.118	69	ETHANOL
25695.23	52	AMMONIA	26097.34	69	DICHLOROMETHANE
25702.141	70	DICHLORODIFLUCROMETHANE	26125.413	72	DICHLORODIFLUOROMETHANE
25702.288	70	DICHLORODIFLUOROMETHANE	26126.56	71	ACETALDEHYDE
25715.18	38	AMMONIA	26134.679	57	METHANAMINE
25721.566	68	DICHLOROMETHANE	26148.261	66	ETHANOL
25722.490	64	DICHLOROMETHANE	26165.90	70	METHANAMINE
25723.20	70	2-PROPANOL	26172.86	70	2-PROPANOL
25723.418	68	DICHLOROMETHANE	26205.52	69	METHYLOXIRANE
25725.940	66	METHANAMINE	26205.709	69	METHANAMINE
25734.398	68	DICHLORODIFLUOROMETHANE	26206.21	69	METHYLOXIRANE
25737.634	69	METHANAMINE	26208.70	68	2-PROPANOL
25748.26	69	2-PROPANOL	26222.210	72	DICHLORODIFLUOROMETHANE
25754.47	70	2-PROPANOL	26223.209	70	DICHLORODIFLUOROMETHANE
25781.55	71	ACETALDEHYDE	26225.97	69	ETHANOL
25787.12	61	METHANOL	26233.05	65	ACETALDEHYDE
25796.33	67	2-PROPANOL	26243.655	62	FLUOROETHENE
25810.154	68	ACETALDEHYDE	26251.71	70	ETHANOL
25810.46	55	METHANAMINE	26264.37	64	2-PROPANOL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
26267.71	71	2-PROPANOL	26533.975	67	OXETANE
26278.725	63	DICHLOROMETHANE	26540.44	59	PYRIDINE
26279.966	61	FLUOROETHENE	26543.757	61	OXETANE
26280.65	70	ACETALDEHYDE	26544.043	55.5	ISOXAZOLE
26282.51	71	ACETALDEHYDE	26548.85	61	PYRIDINE
26283.687	63	ETHANOL	26550.16	65	2-PROPANONE
26287.46	70	ACETALDEHYDE	26550.253	60	METHANOL
26294.539	69	ETHANOL	26553.527	61	2,5-DIHYDROFURAN
26339.451	57	METHANAMINE	26554.294	68	FORMIC ACID, METHYL ESTER
26357.21	68	DICHLOROMETHANE	26555.383	62	2-PROPANOL
26358.036	67	DICHLOROMETHANE	26556.759	65	TETRAHYDROFURAN
26358.787	64	FORMALDEHYDE	26559.51	65	PYRIDINE
26358.852	69	DICHLOROMETHANE	26559.85	65	DICHLORODIFLUOROMETHANE
26409.51	71	ETHANOL	26560.958	63	2,5-DIHYDROFURAN
26409.77	71	ETHANOL	26564.802	66	OXYBISMETHANE
26411.48	61	SULFUR DIOXIDE	26568.520	61	OXYBISMETHANE
26436.90	70	ETHANOL	26569.49	59	PYRIDINE
26437.45	70	ETHANOL	26570.765	52	CHLOROMETHANE
26447.854	61	METHANAMINE	26571.172	66	TETRAHYDROFURAN
26451.84	70	METHYLOXIRANE	26573.105	60	ACETALDEHYDE
26452.66	67	METHYLOXIRANE	26577.35	61	PYRIDINE
26479.44	73	2-PROPANOL	26583.713	61	2,5-DIHYDROFURAN
26486.843	71	DICHLORODIFLUOROMETHANE	26585.935	64	CHLORODIFLUOROMETHANE
26487.025	57	METHANAMINE	26587.034	63	OXETANE
26493.502	56	METHANAMINE	26587.804	64	CHLORODIFLUOROMETHANE
26501.80	64	ETHANOL	26588.699	56	METHANAMINE
26504.353	67	TETRAHYDROFURAN	26588.95	68	CIS 1,2-DICHLOROETHENE
26510.76	62	ETHANOL	26589.443	50.3	CHLOROMETHANE
26510.915	65	THIETANE	26590.06	68	CIS 1,2-DICHLOROETHENE
26512.276	67	TETRAHYDROFURAN	26591.851	57.0	2,5-DIHYDROFURAN
26515.655	66	PYRIDINE	26595.816	64	PYRIDINE
26516.068	66	2,5-DIHYDROFURAN	26597.657	67	PYRIDINE
26518.987	36.5	AMMONIA	26599.088	68	CIS 1,2-DICHLOROETHENE
26519.93	61	PYRIDINE	26604.377	55	CHLOROMETHANE
26524.845	65	PYRIDINE	26604.97	61	PYRIDINE
26525.90	66	2-PROPANOL	26605.008	60	FLUOROBENZENE
26527.269	64	DICHLORODIFLUOROMETHANE	26605.021	61	ETHANAMINE
26529.015	64	FLUOROBENZENE	26606.78	64	2-FURANCARBOXALDEHYDE
26531.559	65	2,5-DIHYDROFURAN	26613.64	66	CHLOROBENZENE
26533.24	62	METHYLOXIRANE	26614.19	66	CHLOROBENZENE

TABLE II.- Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
26618.66	67	2-FURANCARBCXALDEHYDE	26718.805	58	2-PROPENAL
26619.14	66	2-FURANCARBCXALDEHYDE	26724.207	64	FLUOROETHENE
26623.53	63	PYRIDINE	26724.290	60.3	DICHLORCMETHANE
26624.262	62	PYRIDINE	26724.292	55.8	OXETANE
26625.884	64	TETRAHYDRCTHIOPHENE	26726.691	60	OXETANE
26629.880	59.0	OXETANE	26727.130	67	DICHLOROMETHANE
26632.20	67	PYRIDINE	26727.222	65	2,5-DIHYDROFURAN
26634.57	56	PYRIDINE	26728.44	66	DICHLOROMETHANE
26635.557	51.7	1,1-DIFLUOROETHENE	26728.74	66	DICHLOROMETHANE
26636.619	64	PYRIDINE	26728.85	64	METHANAMINE
26637.69	66	PYRIDINE	26730.048	67	DICHLOROMETHANE
26641.45	66	DICHLORODIFLUORCMETHANE	26731.233	64	ETHANETHIOL
26643.53	67	2-PROPANONE	26739.408	66	2-PROPEN-1-OL
26649.42	65	PYRIDINE	26739.79	66	DICHLORODIFLUOROMETHANE
26649.53	64	DICHLORCMETHANE	26740.695	68	TETRAHYDROFURAN
26649.859	62	DICHLORCMETHANE	26747.269	67	2-PROPEN-1-OL
26650.182	64	DICHLOROMETHANE	26753.183	68	CIS 1,2-DICHLOROETHENE
26651.672	61	1,1-DIFLUORCETHENE	26756.345	61	ETHANOL
26652.52	66	2-PROPANONE	26756.447	67	FLUOROBENZENE
26652.98	65	PYRIDINE	26757.474	67	TETRAHYDROFURAN
26654.853	49	AMMONIA	26758.107	67	2-PROPEN-1-CL
26655.004	57.3	METHANAMINE	26758.21	65	FORMAMIDE
26658.757	63	2-PROPANONE	26764.12	65	2-PROPENAL
26661.959	62	2-PROPANONE	26765.499	58.2	2-PROPENAL
26662.286	67	CIS 1,2-DICHLOROETHENE	26767.521	68	1,1-DICHLOROETHANE
26666.008	58.3	OXETANE	26769.106	69	THIETANE
26679.73	68	2-PROPANONE	26773.658	64	2-PROPYN-1-OL
26685.214	65	CHLOROTRIFLUOROMETHANE	26775.518	58	PYRIDINE
26690.099	67	CHLOROTRIFLUOROMETHANE	26776.592	47.9	SULFUR DIOXIDE
26691.16	65	CHLORODIFLUORCMETHANE	26777.73	62	2-PROPENAL
26692.07	65	CHLORODIFLUORCMETHANE	26780.45	67	1,1-DICHLOROETHANE
26693.04	60	2-PROPENAL	26781.63	64	1,1-DICHLOROETHANE
26694.306	55	2-PROPENAL	26782.525	56	FURAN
26695.331	59	METHANAMINE	26782.80	67	1,1-DICHLOROETHANE
26704.59	64	2-PROPENAL	26783.793	65	THIETANE
26705.240	63	THIETANE	26789.70	62	2-PROPENAL
26706.70	58	2-PROPENAL	26791.912	58	2,5-DIHYDROFURAN
26713.800	65	2-PROPYN-1-OL	26792.462	51.8	ISOXAZOLE
26716.51	65	2-PROPENAL	26794.59	64	2-PROPANONE
26717.79	61	METHANAMINE	26797.704	65	PYRROLE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
26798.486	66	2-PROPYN-1-CL	26890.13	65	PROPANENITRILE
26810.297	68	THIOPHENE	26892.703	54.9	FURAN
26812.293	59.4	2,5-DIHYDROCFURAN	26892.989	66	CIS 1,2-DICHLOROETHENE
26812.84	66	CHLOROETHENE	26895.159	65	2-PROPENAL
26817.821	57.3	PROPANENITRILE	26897.582	64	2-PROPANOL
26821.888	66	2-PROPYN-1-OL	26898.400	61	2,5-DIHYDROFURAN
26823.14	68	ACETALDEHYDE	26900.927	66	CIS 1,2-DICHLOROETHENE
26823.28	67	OXYBISMETHANE	26913.21	67	2-PROPEN-1-OL
26823.903	64	OXYBISMETHANE	26913.979	64	TETRAHYDROFURAN
26824.55	66	OXYBISMETHANE	26915.115	64	2-FURANCARBOXALDEHYDE
26824.838	62	2-PROPENAL	26919.007	66	CIS 1,2-DICHLOROETHENE
26825.25	67	CHLOROFLUOROMETHANE	26922.37	67	2-PROPANONE
26827.448	68	TETRAHYDROFURAN	26922.43	65	FORMAMIDE
26829.260	62	PROPANENITRILE	26923.08	64	FORMAMIDE
26830.689	62	1,1-DIFLUORCETHENE	26926.132	61	PYRIDINE
26831.00	61	2-PROPANOL	26929.019	65	PYRROLE
26831.185	67	EPOXYBUTANE	26932.408	60.5	2-PROPANONE
26833.276	67	2,5-DIHYDROFURAN	26939.243	65	CIS 1,2-DICHLOROETHENE
26837.459	65	2,5-DIHYDROCFURAN	26939.844	64	1,1-DICHLOROETHANE
26837.84	65	2-PROPENAL	26955.131	67	1,1-DIFLUORCETHENE
26844.638	61	THIETANE	26957.816	66	THIOPHENE
26845.22	63	1,1-DICHLOROETHANE	26959.986	64	FLUOROBENZENE
26847.232	48	METHANOL	26962.15	66	2-PROPANOL
26847.24	68	2-PROPEN-1-CL	26966.556	67	FLUOROBENZENE
26848.92	63	PROPANENITRILE	26969.558	67	CIS 1,2-DICHLOROETHENE
26849.60	65	2-PROPENAL	26973.154	55	THIIRANE
26850.280	60.2	SULFUR DIOXIDE	26975.23	65	2-PROPANONE
26855.137	64	CIS 1,2-DICHLOROETHENE	26980.334	64	2-PROPANOL
26860.457	61	PROPANENITRILE	26982.518	67	CIS 1,2-DICHLOROETHENE
26862.913	61	PYRROLE	26988.635	64	PROPANENITRILE
26864.799	55.1	1,1-DIFLUOROETHENE	26992.788	55	1,1-DIFLUOROETHENE
26866.280	65	2-PROPYN-1-CL	26994.09	64	METHANETHIOL
26866.479	58	DICHLOROMETHANE	27004.010	65	CIS 1,2-DICHLOROETHENE
26878.49	63	PROPANENITRILE	27014.19	67	2(3H)-DIHYDROFURANONE
26881.218	58.8	1,1-DIFLUORCETHENE	27014.946	59	1,1-DIFLUOROETHENE
26881.35	66	TETRAHYDROFURAN	27015.150	68	CIS 1,2-DICHLOROETHENE
26881.817	65	TETRAHYDROCFURAN	27021.26	66	2-PROPANONE
26882.19	64	TETRAHYDROFURAN	27029.084	67	OXYBISMETHANE
26883.79	65	ETHANOL	27031.053	65	2,5-DIHYDROFURAN
26886.149	62	2,5-DIHYDROFURAN	27032.084	59	PYRIDINE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
27033.18	62	PYRIDINE	27203.255	63	FLUOROETHENE
27033.409	67	TETRAHYDROFURAN	27204.15	67	1,1-DICHLOROETHANE
27042.928	66	TETRAHYDROFURAN	27204.314	67	2-PROPEN-1-OL
27044.373	64	TETRAHYDROTHIOPHENE	27204.95	68	1-PROPANOL
27044.49	67	CHLORODIFLUOROMETHANE	27205.41	67	2-PROPANOL
27045.698	67	TETRAHYDROFURAN	27208.651	67	CIS 1,2-DICHLOROETHENE
27046.37	69	TETRAHYDROFURAN	27209.602	66	EPOXYBUTANE
27046.67	67	CHLORODIFLUOROMETHANE	27211.92	65	TETRAHYDROFURAN
27053.61	64	2-PROPANONE	27213.612	66	1,1-DIFLUOROCETHENE
27054.186	62	PYRROLE	27214.077	66	2-PROPYN-1-OL
27061.074	53.0	ISOXAZOLE	27216.323	52.5	ISOXAZOLE
27061.739	57.0	2,5-DIHYDROFURAN	27217.355	65	TETRAHYDROCFURAN
27069.069	66	2-PROPEN-1-CL	27217.981	66	2-PROPEN-1-OL
27078.326	55.7	ISOXAZOLE	27218.12	66	TETRAHYDROCFURAN
27083.928	65	DICHLOROMETHANE	27219.43	66	TETRAHYDROFURAN
27084.25	67	DICHLOROMETHANE	27220.689	53.3	ISOXAZOLE
27084.799	66	2-PROPEN-1-OL	27227.055	56.5	OXETANE
27086.885	66	CIS 1,2-DICHLOROETHENE	27231.153	64	TETRAHYDROFURAN
27087.082	61	OXETANE	27231.82	68	CIS 1,2-DICHLOROETHENE
27088.782	63	2-PROPANOL	27235.20	65	CIS 1,2-DICHLOROETHENE
27090.908	65	CIS 1,2-DICHLOROETHENE	27235.261	57	PYRIDINE
27111.035	65	1,1-DIFLUOROETHENE	27237.114	65	CIS 1,2-DICHLOROETHENE
27114.15	67	TETRAHYDROFURAN	27237.16	64	1,1-DICHLOROETHANE
27118.859	55.9	THIIRANE	27237.79	63	1,1-DICHLOROCETHANE
27118.966	61	METHYLOXIRANE	27240.344	67	TETRAHYDROFURAN
27127.50	65	ETHANAMINE	27242.208	67	TETRAHYDROFURAN
27142.01	67	PROPANAL	27243.467	66	2-PROPEN-1-CL
27143.69	66	ACETALDEHYDE	27244.490	62	1,1-DICHLOROETHANE
27144.19	63	ETHANOL	27247.056	66	TETRAHYDROFURAN
27144.570	65	FORMAMIDE	27255.618	66	2-PROPYN-1-OL
27159.217	66	CIS 1,2-DICHLOROETHENE	27259.83	67	2-PROPYN-1-OL
27163.057	65	FLUOROBENZENE	27264.514	66	TETRAHYDROFURAN
27164.646	61	CIS 1,2-DICHLOROETHENE	27267.044	66	THIETANE
27169.903	61	2,5-DIHYDROFURAN	27272.133	66	2-PROPEN-1-OL
27170.103	67	CIS 1,2-DICHLOROETHENE	27273.7	70	ETHANOL
27173.86	65	ACETALDEHYDE	27277.755	66	TETRAHYDROFURAN
27183.003	65	TETRAHYDROFURAN	27283.145	56	METHANOL
27183.72	64	ETHANAMINE	27283.647	65	EPOXYBUTANE
27187.934	67	FLUOROBENZENE	27284.21	67	TETRAHYDROFURAN
27191.855	66	OXETANE	27286.058	66	2-PROPEN-1-CL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
27289.898	57.6	OXETANE	27384.774	59.9	OXETANE
27290.827	67	TETRAHYDROFURAN	27385.572	59	2-PROPENAL
27294.30	69	2-PROPANOL	27388.794	62	2,5-DIHYDROFURAN
27298.036	54.8	1,1-DIFLUOROETHENE	27394.90	68	CIS 1,2-DICHLOROETHENE
27299.958	65	TETRAHYDROFURAN	27395.558	66	CIS 1,2-DICHLOROETHENE
27302.056	66	TETRAHYDROFURAN	27395.678	62	DICHLOROMETHANE
27303.141	57.1	OXETANE	27396.22	68	CIS 1,2-DICHLOROETHENE
27307.746	62	FURAN	27397.64	58	FORMAMIDE
27311.30	67	CIS 1,2-DICHLOROETHENE	27400.312	66	2,5-DIHYDROFURAN
27313.38	66	CIS 1,2-DICHLOROETHENE	27403.02	68	2-PROPANONE
27314.627	65	2-PROPYN-1-OL	27405.770	56.5	PYRROLE
27317.589	67	2-PROPEN-1-OL	27409.546	67	2-PROPEN-1-OL
27317.772	62	THIETANE	27414.398	59.8	METHYL THIIRANE
27318.842	63	CIS 1,2-DICHLOROETHENE	27414.566	66	1,1-DIFLUOROETHENE
27319.967	68	THIETANE	27415.950	59	2,5-DIHYDROFURAN
27325.06	64	2-PROPANOL	27417.201	66	2-PROPYN-1-OL
27328.171	66	2,5-DIHYDROFURAN	27422.344	67	2-PROPEN-1-OL
27329.776	55.3	2-PROPENAL	27428.000	63	EPOXYBUTANE
27330.301	64	THIETANE	27430.20	68	2-PROPANOL
27331.14	61	2-PROPENAL	27430.56	68	CIS 1,2-DICHLOROETHENE
27331.239	67	2-PROPEN-1-OL	27432.884	62	2-PROPENAL
27332.427	56.8	OXETANE	27434.069	64	2,5-DIHYDROFURAN
27332.509	68	1,1-DICHLOROETHANE	27434.56	64	ETHANOL
27332.943	67	2-PROPEN-1-OL	27438.565	68	CIS 1,2-DICHLOROETHENE
27333.950	61	METHANETHIOL	27445.26	60	METHANAMINE
27337.260	59.9	OXETANE	27455.575	65	2-PROPYN-1-OL
27338.359	66	2,5-DIHYDROFURAN	27459.260	55.8	ISOXAZOLE
27340.191	63	2,5-DIHYDROFURAN	27468.68	65	2-PROPANOL
27341.205	66	OXETANE	27470.978	56	METHANOL
27344.972	61	OXETANE	27472.531	47.9	METHANOL
27345.83	64	OXETANE	27474.027	59.0	FURAN
27346.03	68	ACETALDEHYDE	27475.813	55	2-PROPENE-1-THIOL
27354.051	54.9	PYRROLE	27476.010	57.8	2,5-DIHYDROFURAN
27357.12	67	2-PROPANOL	27476.759	67	TETRAHYDROFURAN
27359.81	63	ETHANOL	27477.198	63	OXETANE
27361.623	55	PYRROLE	27477.922	65	FORMAMIDE
27364.334	63	METHANETHIOL	27477.932	35	AMMONIA
27369.959	66	TETRAHYDROFURAN	27481.10	67	2-PROPANOL
27379.519	65	2-PROPYN-1-OL	27482.11	68	ACETALDEHYDE
27379.75	66	2-PROPANOL	27483.759	67	1,1-DIFLUOROETHENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
27487.708	66	2-PROPENAL	27627.77	67	2-PROPANONE
27489.409	63	TETRAHYDROFURAN	27632.489	65	THIOPHENE
27495.413	66	TETRAHYDROFURAN	27634.448	55.4	ISOXAZOLE
27495.712	64	2-PROPYN-1-CL	27644.00	68	2-PROPANOL
27504.351	63	2-FURANCARBOXALDEHYDE	27645.636	64	2-PROPYN-1-OL
27504.805	65	CHLOROETHENE	27646.42	65	ETHANOL
27504.936	62	METHANAMINE	27648.283	58.9	THIIRANE
27507.064	67	THIETANE	27648.765	59.5	2,5-DIHYDROFURAN
27508.251	65	2(3H)-DIHYDROFURANONE	27657.149	64	2-PROPYN-1-CL
27508.345	67	2-FURANCARBOXALDEHYDE	27657.351	62	DICHLOROMETHANE
27513.211	65	DIMETHYL DISULFIDE	27657.843	59	METHYL THIIRANE
27513.39	68	CHLORODIFLUOROMETHANE	27666.273	58.2	CHLORODIFLUOROMETHANE
27514.210	66	FORMAMIDE	27667.422	60.5	2,5-DIHYDROFURAN
27524.130	64	THIETANE	27668.485	58.4	CHLORODIFLUOROMETHANE
27530.301	64	FORMAMIDE	27670.252	66	DICHLOROMETHANE
27534.453	64	TETRAHYDROTHIOPHENE	27671.079	67	CIS 1,2-DICHLOROETHENE
27535.72	65	2-PROPANOL	27673.028	60.2	OXETANE
27536.57	64	2-PROPANOL	27674.3	65	ETHANOL
27537.12	65	2-PROPANOL	27681.725	63	1,1-DIFLUOROETHENE
27543.903	65	2-PROPYN-1-OL	27686.0	65	ETHANOL
27546.591	66	THIETANE	27699.157	61	OXETANE
27550.194	59	ETHANAMINE	27700.174	53.9	METHANOL
27550.970	68	2,5-DIHYDROFURAN	27705.41	61	PYRIDINE
27555.706	62	FORMALDEHYDE	27709.82	68	EPOXYBUTANE
27556.727	67	DICHLOROMETHANE	27711.992	51.9	ISOXAZOLE
27561.256	63	OXETANE	27713.084	59.2	DICHLOROMETHANE
27561.76	58	PROPANENITRILE	27715.17	67	2-PROPANOL
27563.010	60.4	2(3H)-DIHYDROFURANONE	27723.32	65	DICHLORODIFLUOROMETHANE
27574.377	63	2(3H)-DIHYDROFURANONE	27732.293	64	2-PROPYN-1-OL
27576.24	62	METHYLOXIRANE	27736.097	65	DICHLOROMETHANE
27577.59	63	2-PROPANONE	27739.59	60	PYRIDINE
27581.63	68	METHANOL	27739.717	61	DICHLOROMETHANE
27583.203	62	THIETANE	27743.330	65	DICHLOROMETHANE
27584.13	66	2-PROPANOL	27745.3	67	ETHANOL
27592.230	62	PROPANENITRILE	27746.480	67	1,1-DIFLUOROETHENE
27593.10	67	2-PROPANOL	27746.543	66	CIS 1,2-DICHLOROETHENE
27598.086	66	CHLOROBENZENE	27747.09	68	CIS 1,2-DICHLOROETHENE
27608.051	66	FLUOROBENZENE	27748.42	59	PYRIDINE
27618.053	54.5	ISOXAZOLE	27749.0	67	ETHANOL
27627.569	59.6	2-PROPYN-1-CL	27749.174	63	PYRROLE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
27752.4	69	ETHANOL	27845.770	67	FORMIC ACID, METHYL ESTER
27752.55	69	FORMAMIDE	27848.094	59.7	CHLORODIFLUOROMETHANE
27758.477	62	METHANAMINE	27849.314	60	CHLORODIFLUOROMETHANE
27761.897	65	2-PROPYN-1-OL	27850.799	65	METHYL SULFIDE
27767.400	54	2-PROPENENITRILE	27851.073	60.2	2,5-DIHYDROFURAN
27768.1	66	ETHANOL	27853.71	67	2-PROPANOL
27769.223	57	OXETANE	27856.64	67	2-CHLOROPROPANE
27772.295	55	AMMONIA	27857.85	67	2-CHLOROPROPANE
27772.313	65	2,5-DIHYDROFURAN	27860.750	63	2,5-DIHYDROFURAN
27772.96	67	CHLORODIFLUOROMETHANE	27864.088	66	FLUOROBENZENE
27773.70	67	CHLORODIFLUOROMETHANE	27864.772	63	METHYL SULFIDE
27783.5	68	ETHANOL	27864.879	66	TETRAHYDROFURAN
27783.901	55.2	OXETANE	27870.487	57.4	2,5-DIHYDROFURAN
27785.083	57.7	FLUOROETHENE	27874.409	66	DICHLOROMETHANE
27785.70	66	DIMETHYL DISULFIDE	27877.86	67	METHYL SULFIDE
27786.279	67	EPOXYBUTANE	27880.02	68	METHANOL
27787.12	61	METHYL SULFIDE	27881.001	68	FORMIC ACID, METHYL ESTER
27787.634	59	METHYL SULFIDE	27890.772	64	METHYL SULFIDE
27787.93	56	PYRIDINE	27891.49	67	ETHANAMINE
27788.16	61	METHYL SULFIDE	27893.850	65	2-PROPYN-1-OL
27790.5	66	ETHANOL	27895.04	68	1-CHLOROPROPANE
27792.784	66	1,1-DICHLOROETHANE	27898.023	67	2,5-DIHYDROFURAN
27798.973	66	2,5-DIHYDROFURAN	27900.093	59	ISOXAZOLE
27807.644	64	CIS 1,2-DICHLOROETHENE	27901.19	68	CHLORODIFLUOROMETHANE
27812.491	53.0	ISOXAZOLE	27901.590	67	THIETANE
27813.500	61	2-PROPENENITRILE	27905.50	67	1-CHLOROPROPANE
27817.437	59	METHANOL	27907.14	68	1-CHLOROPROPANE
27819.286	60.0	THIAZOLE	27910.305	66	2-PROPEN-1-OL
27819.332	56.3	1,1-DIFLUOROETHENE	27911.910	66	METHANETHIOL
27820.841	57	METHANOL	27915.874	63	THIETANE
27821.23	64	ETHANAMINE	27917.539	65	2-PROPANOL
27823.892	65	2,5-DIHYDROFURAN	27919.739	62	ETHANOL
27829.563	63	2,5-DIHYDROFURAN	27921.963	64	OXETANE
27830.91	66	2,5-DIHYDROFURAN	27923.64	65	DIMETHYL DISULFIDE
27832.12	64	METHYL SULFIDE	27924.655	59.9	FLUOROETHENE
27832.651	60	METHYL SULFIDE	27930.25	59	PYRIDINE
27833.18	63	METHYL SULFIDE	27931.290	66	DICHLOROMETHANE
27833.184	59	2-PROPENENITRILE	27932.420	52.7	SULFUR DIOXIDE
27839.424	52.5	ISOXAZOLE	27933.30	67	2-PROPANOL
27842.381	68	CHLOROETHENE	27933.653	65	DICHLOROMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
27933.683	59.8	FLUOROETHENE	28051.22	65	2-PROPANONE
27934.307	65	DICHLOROMETHANE	28060.718	67	2-FURANCARBOXALDEHYDE
27935.295	62	THIETANE	28065.267	68	THIOPHENE
27936.647	66	DICHLOROMETHANE	28073.683	57	FURAN
27938.576	67	2,5-DIHYDROFURAN	28075.3	63	ETHANOL
27944.50	67	2-PROPANOL	28080.99	67	CIS 1,2-DICHLOROETHENE
27947.853	65	METHYL SULFIDE	28085.785	65	3-BUTENENITRILE
27949.20	67	2-PROPANOL	28088.212	66	ETHANETHIOL
27952.847	62	2,5-DIHYDROFURAN	28092.789	63	2-FURANCARBOXALDEHYDE
27955.75	67	2-PROPANOL	28093.747	60.0	2(3H)-DIHYDROFURANONE
27956.503	66	THIETANE	28097.028	66	2-PROPEN-1-OL
27960.323	64	2-PROPANOL	28100.48	63	2(3H)-DIHYDROFURANONE
27967.428	65	OXETANE	28101.662	66	2-PROPEN-1-OL
27971.114	64	DICHLORODIFLUOROMETHANE	28102.405	66	2-FURANCARBOXALDEHYDE
27972.30	68	2-PROPANOL	28107.729	48	METHANAMINE
27972.683	64	TETRAHYDROTHIOPHENE	28108.099	50	METHANAMINE
27973.340	68	1,2-DICHLOROETHANE	28110.836	66	CIS 1,2-DICHLOROETHENE
27974.027	63	1,1-DIFLUORCETHENE	28110.952	65	OXETANE
27981.03	67	2-PROPANOL	28111.30	68	CIS 1,2-DICHLOROETHENE
27994.25	67	2-PROPANOL	28113.139	65	PYRROLE
27995.82	66	3-BUTENENITRILE	28113.820	66	2-FURANCARBOXALDEHYDE
27999.18	67	CHLORODIFLUOROMETHANE	28118.149	63	TETRAHYDROTHIOPHENE
28000.79	67	CHLORODIFLUOROMETHANE	28118.466	66	1,1-DIFLUORCETHENE
28006.514	63	2-PROPYN-1-CL	28120.3	65	ETHANOL
28011.232	67	METHYL SULFIDE	28120.817	58	2-PROPYN-1-CL
28011.424	65	1,1-DIFLUOROETHENE	28125.192	55.3	OXETANE
28014.166	58	ETHANOL	28125.391	66	2-PROPENAL
28015.507	59	ETHANOL	28138.394	56.7	SULFUR DIOXIDE
28017.39	65	PYRIDINE	28141.39	67	DICHLORODIFLUOROMETHANE
28017.39	67	DICHLORODIFLUOROMETHANE	28142.579	63	FURAN
28021.630	68	METHYL SULFIDE	28143.078	48	METHANAMINE
28024.480	65	2,5-DIHYDROFURAN	28143.531	50	METHANAMINE
28025.461	65	METHYL SULFIDE	28149.877	67	1,1-DIFLUOROETHENE
28033.587	58.9	THIIRANE	28152.089	65	1,1-DICHLORCETHANE
28036.461	65	2(3H)-DIHYDROFURANONE	28154.149	66	DICHLOROMETHANE
28039.87	68	CHLORODIFLUOROMETHANE	28160.235	53.2	PYRROLE
28040.157	63	CIS 1,2-DICHLOROETHENE	28165.144	62	2,5-DIHYDROFURAN
28042.612	65	2-PROPYN-1-CL	28165.343	63	THIETANE
28048.727	58.8	FURAN	28167.132	64	THIETANE
28050.29	65	2-PROPANONE	28169.463	47.9	METHANOL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
28173.485	60.3	SULFUR DIOXIDE	28315.248	66	CHLOROBENZENE
28175.73	64	ACETALDEHYDE	28316.066	54	METHANOL
28176.574	52	1,1-DIFLUORCETHENE	28316.86	64	CIS 1,2-DICHLOROETHENE
28180.50	68	1-PROPANOL	28318.381	68	CIS 1,2-DICHLOROETHENE
28181.98	67	2-PROPANOL	28321.06	68	CIS 1,2-DICHLOROETHENE
28182.88	66	2-PROPANONE	28329.31	67	2-PROPANONE
28187.179	67	DICHLORCMETHANE	28330.763	64	ACETALDEHYDE
28193.841	55.2	ISOXAZOLE	28330.983	56.2	OXETANE
28193.842	55.1	ISXAZOLE	28332.117	64	DICHLORODIFLUOROMETHANE
28196.461	58.1	FLUOROETHENE	28333.34	61	CHLORODIFLUORCMETHANE
28198.07	67	OXYBISMETHANE	28335.60	64	FORMAMIDE
28198.8	65	ETHANOL	28336.044	66	DICHLORCMETHANE
28198.81	63	FORMAMIDE	28336.60	61	CHLORODIFLUORCMETHANE
28198.94	67	OXYBISMETHANE	28337.35	65	DICHLOROMETHANE
28199.28	67	OXYBISMETHANE	28337.69	65	DICHLOROMETHANE
28199.303	57.4	THIAZOLE	28338.419	62	2-PROPANONE
28199.87	67	CHLORODIFLUORCMETHANE	28339.000	65	DICHLOROMETHANE
28199.96	68	ACETALDEHYDE	28342.014	58.7	OXETANE
28202.46	67	CHLORODIFLUOROMETHANE	28343.904	67	METHYL SULFIDE
28209.33	65	2-PROPYN-1-OL	28344.514	59.3	FLUOROETHENE
28211.516	63	THIOPHENE	28346.992	65	METHYL SULFIDE
28218.22	66	2-PROPANONE	28350.069	68	METHYL SULFIDE
28226.954	68	METHYL SULFIDE	28352.661	68	CHLOROBENZENE
28227.064	66	1,1-DICHLOROETHANE	28354.694	65	THIETANE
28235.15	67	CHLOROBENZENE	28358.52	60	THIETANE
28235.73	67	CHLORCBENZENE	28361.1	66	ETHANOL
28239.08	65	CHLOROBENZENE	28362.143	67	DICHLOROMETHANE
28239.57	67	CHLOROBENZENE	28362.689	67	CIS 1,2-DICHLOROETHENE
28246.601	65	DICHLOROMETHANE	28371.900	66	DICHLOROMETHANE
28260.701	66	2,5-DIHYDRCFURAN	28374.762	66	DICHLOROMETHANE
28267.75	68	METHANOL	28375.573	66	DICHLORCMETHANE
28267.905	65	NITROMETHANE	28378.464	67	DICHLOROMETHANE
28272.944	61	2,5-DIHYDRCFURAN	28380.88	59	METHANAMINE
28277.798	62	FLUOROBENZENE	28385.68	70	METHYL SULFIDE
28279.094	57.8	OXETANE	28385.88	64	2-PROPANOL
28283.749	64	DICHLOROMETHANE	28387.09	68	1-FLUORO-4-METHYLBENZENE
28294.79	68	1,1-DICHLORCETHANE	28391.071	67	CHLOROBENZENE
28304.228	66	2-PROPEN-1-OL	28392.840	67	CHLOROBENZENE
28309.079	57.1	FLUOROETHENE	28395.08	66	2-PROPYN-1-OL
29313.854	68	CHLOROBENZENE	28396.285	61	ETHANOL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
28399.972	67	THIOPHENE	28484.786	64	OXETANE
28404.445	65	TETRAHYDROTHIOPHENE	28487.56	67	2-PROPANONE
28407.692	63	2-PROPANONE	28488.883	65	THIOPHENE
28408.67	68	2-PROPANOL	28489.198	66	OXETANE
28408.981	63	1,1-DIFLUOROETHENE	28496.35	62	METHYLOXIRANE
28409.37	67	DICHLOROMETHANE	28499.47	67	CHLORODIFLUOROMETHANE
28412.979	56	FLUOROETHENE	28501.71	68	CHLORODIFLUOROMETHANE
28417.54	64	METHYLOXIRANE	28503.122	67	2-METHYLFURAN
28418.042	65	METHANAMINE	28512.246	61	OXIRANE
28421.318	62	OXETANE	28513.203	68	THIETANE
28423.01	67	CHLOROETHENE	28513.352	56	METHANAMINE
28423.345	69	METHYL SULFIDE	28513.37	67	2(3H)-DIHYDROFURANONE
28425.319	66	METHYL SULFIDE	28513.958	67	2-METHYLFURAN
28438.623	65	1,1-DIFLUOROETHENE	28518.48	68	2-PROPANONE
28440.977	53	2-PROPENENITRILE	28523.141	58	2-PROPENENITRILE
28442.206	58.4	2,5-DIHYDROFURAN	28523.650	66	2(3H)-DIHYDROFURANONE
28443.326	66	2-PROPANOL	28528.518	62	PROPANAL
28445.228	58.3	2,5-DIHYDROFURAN	28529.506	65	2,5-DIHYDROFURAN
28445.878	67	2(3H)-DIHYDROFURANONE	28530.110	61	2,5-DIHYDROFURAN
28448.48	68	2-PROPANONE	28537.752	67	OXETANE
28448.960	67	CIS 1,2-DICHLOROETHENE	28538.499	61	THIETANE
28449.003	67	FLUOROETHENE	28542.364	68	METHYL SULFIDE
28449.751	67	METHYL SULFIDE	28544.240	62	2,5-DIHYDROFURAN
28450.876	63	OXETANE	28556.469	62	DICHLORODIFLUOROMETHANE
28456.365	69	METHYL SULFIDE	28561.880	63	THIETANE
28457.28	59	2-PROPENENITRILE	28563.486	68	CHLOROETHANE
28459.011	63	CHLOROBENZENE	28577.737	67	DICHLOROMETHANE
28459.61	67	CIS 1,2-DICHLOROETHENE	28579.35	68	2-CHLOROPROPANE
28460.106	67	CIS 1,2-DICHLOROETHENE	28580.52	66	2-CHLOROPROPANE
28460.578	66	CIS 1,2-DICHLOROETHENE	28582.37	68	FORMALDEHYDE
28460.98	68	CIS 1,2-DICHLOROETHENE	28587.513	54.6	PYRROLE
28466.59	68	1,1,1-TRICHLOROETHANE	28587.734	65	THIETANE
28468.763	60	METHYL THIIRANE	28589.486	66	1,1-DICHLOROETHANE
28471.07	59	2-PROPENENITRILE	28591.04	64	FORMAMIDE
28472.866	65	PYRROLE	28591.76	67	FORMAMIDE
28474.589	65	1,1-DIFLUOROETHENE	28594.842	66	2-PROPEN-1-OL
28477.720	66	2-PROPEN-1-OL	28596.75	66	2-PROPANONE
28478.315	64	2-PROPYN-1-OL	28600.99	66	2-PROPYN-1-OL
28478.521	59.9	2-PROPENENITRILE	28604.731	64	ETHANAMINE
28484.582	67	2-PROPEN-1-OL	28604.739	40.0	AMMONIA

TABLE II.- Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
28607.095	67	1,1-DIFLUORCETHENE	28722.5	69	ETHANOL
28612.54	65	ETHANOL	28723.131	53.0	THIIRANE
28619.033	63	ETHANAMINE	28724.160	65	EPOXYBUTANE
28620.929	59	2-PROPANONE	28726.16	68	CIS 1,2-DICHLOROETHENE
28622.075	61	DICHLOROMETHANE	28727.53	67	CIS 1,2-DICHLOROETHENE
28622.276	63	PROPANENITRILE	28727.645	64	OXETANE
28622.463	59	DICHLOROMETHANE	28729.29	68	CHLOROBENZENE
28622.854	61	DICHLOROMETHANE	28732.37	67	CIS 1,2-DICHLOROETHENE
28624.168	55.6	ISOXAZOLE	28736.168	64	CHLOROETHENE
28624.221	59	CHLORODIFLUOROMETHANE	28738.693	68	METHYL SULFIDE
28626.870	59.1	CHLORODIFLUOROMETHANE	28741.948	65	2-PROPANOL
28629.09	64	PYRIDINE	28747.902	67	EPOXYBUTANE
28651.095	58	METHANAMINE	28754.635	65	OXYBISMETHANE
28651.779	60	METHANAMINE	28755.703	64	2-PROPANONE
28655.604	51.4	ISOXAZOLE	28755.761	62	2,5-DIHYDROFURAN
28660.40	68	2-PROPANONE	28757.008	67	2(3H)-DIHYDROFURANONE
28660.737	67	PROPANAL	28758.8	76	ETHANOL
28662.464	67	PROPANAL	28761.337	66	DICHLOROMETHANE
28665.274	67	2-PROPYN-1-OL	28764.541	52.3	ISOXAZOLE
28672.357	62	PROPANAL	28768.1	72	ETHANOL
28675.989	52.4	ISOXAZOLE	28775.9	67	ETHANOL
28677.219	67	FORMIC ACID, METHYL ESTER	28776.70	67	CIS 1,2-DICHLOROETHENE
28681.312	68	METHYL SULFIDE	28781.12	66	CIS 1,2-DICHLOROETHENE
28683.682	66	DICHLOROMETHANE	28781.907	66	DICHLORODIFLUOROMETHANE
28685.021	57.4	FLUORCETHENE	28786.089	58.0	FURAN
28685.313	64	ETHANAMINE	28797.97	64	ACETALDEHYDE
28686.48	67	2-PROPANONE	28789.03	64	ACETALDEHYDE
28692.540	63	1,1-DICHLORCETHANE	28792.94	67	2(3H)-DIHYDROFURANONE
28694.415	53.6	1,1-DIFLUORCETHENE	28793.30	67	2(3H)-DIHYDROFURANONE
28697.78	68	CHLORODIFLUOROMETHANE	28797.998	63	ACETALDEHYDE
28701.23	69	CHLORODIFLUOROMETHANE	28799.060	66	2,5-DIHYDROFURAN
28701.640	67	DICHLOROMETHANE	28814.573	59	2-PROPYN-1-OL
28701.732	66	2-PROPANOL	28816.09	57	FORMAMIDE
28702.117	64	DICHLOROMETHANE	28821.903	56.7	FURAN
28702.58	66	DICHLOROMETHANE	28828.040	66	2-PROPYN-1-CL
28704.531	65	2-PROPANOL	28838.313	63	DICHLOROMETHANE
28713.88	66	CHLOROBENZENE	28838.330	63	TETRAHYDROTHIOPHENE
28714.386	62	DICHLOROMETHANE	28840.23	65	CIS 1,2-DICHLOROETHENE
28719.473	58.8	2,5-DIHYDROFURAN	28841.07	65	CIS 1,2-DICHLOROETHENE
28721.31	69	CIS 1,2-DICHLOROETHENE	28845.55	66	2-PROPANONE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
28846.348	68	CHLOROBENZENE	28918.361	65	2-PROPYN-1-OL
28847.41	68	CHLOROBENZENE	28919.74	57	PYRIDINE
28847.537	68	THIETANE	28920.473	63	ACETALDEHYDE
28853.183	68	2-PROPEN-1-CL	28927.21	65	1,1-DICHLORCETHANE
28853.770	66	1,1-DIFLUORCETHENE	28930.682	63	DICHLOROMETHANE
28857.542	66	1,1-DIFLUORCETHENE	28931.25	64	METHANAMINE
28858.019	47.4	SULFUR DIOXIDE	28934.200	66	2,5-DIHYDROFURAN
28861.71	66	1,1-DICHLOROETHANE	28936.666	64	DICHLOROMETHANE
28862.56	65	1,1-DICHLOROETHANE	28938.176	65	METHYLOXIRANE
28863.35	67	1,1-DICHLORCETHANE	28939.690	66	THIETANE
28863.909	54.4	PYRROLE	28943.569	66	2-PROPANOL
28864.653	62	OXETANE	28947.459	63	1,1-DIFLUOROETHENE
28864.722	67	CHLORCETHANE	28947.703	63	2-PROPANONE
28869.952	62	THIETANE	28957.003	62	2,5-DIHYDROFURAN
28870.718	64	OXYBISMETHANE	28957.071	63	2-PROPANOL
28872.84	65	ETHANOL	28957.099	59.3	ETHANOL
28874.403	55	METHANOL	28961.089	61	2,5-DIHYDROFURAN
28874.417	63	DICHLOROMETHANE	28966.782	65	ETHANETHIOL
28875.05	65	ETHANOL	28967.725	65	THIOPHENE
28875.341	67	CIS 1,2-DICHLOROETHENE	28968.73	67	2-PROPANONE
28876.249	58.6	2,5-DIHYDROFURAN	28969.953	51.8	METHANOL
28878.70	59	2,5-DIHYDROFURAN	28972.768	59.4	OXETANE
28879.896	65	THIOPHENE	28974.825	40.9	FORMALDEHYDE
28881.931	53.8	ISOXAZOLE	28990.253	65	METHANETHIOL
28888.09	58	PYRIDINE	28995.808	59	OXETANE
28889.765	68	PROPANAL	28998.414	68	2-METHYLFURAN
28890.850	66	OXYBISMETHANE	28998.631	68	THIETANE
28892.358	56.6	PYRROLE	28999.549	64	2,5-DIHYDROFURAN
28895.492	63	1,1-DIFLUORCETHENE	29002.819	64	2-PROPANOL
28903.444	67	THIETANE	29006.955	64	2-PROPANOL
28905.3	66	ETHANOL	29012.041	64	TETRAHYDROTHIOPHENE
28905.567	62	THIETANE	29016.470	60	ETHANAMINE
28905.809	47.8	METHANOL	29016.77	61	ETHANAMINE
28906.475	63	DICHLOROMETHANE	29016.847	64	2,5-DIHYDROFURAN
28909.51	63	METHANAMINE	29017.123	58.9	PYRROLE
28909.99	63	METHANAMINE	29017.645	66	DICHLOROMETHANE
28911.020	65	METHANETHIOL	29017.96	67	DICHLOROMETHANE
28912.724	67	2-PROPANOL	29017.97	64	PYRROLE
28913.723	65	1,1-DIFLUOROETHENE	29020.742	66	DICHLOROMETHANE
28915.924	62	EPOXYBUTANE	29021.614	67	DICHLOROMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
29022.509	65	2,5-DIHYDROFURAN	29123.656	59.4	PYRROLE
29024.744	67	DICHLOROMETHANE	29125.108	66	DICHLOROMETHANE
29026.284	67	THIETANE	29126.752	64	ETHANETHIOL
29033.312	66	2-PROPEN-1-CL	29135.173	65	THIETANE
29039.058	58.4	METHYL THIIRANE	29138.56	64	METHANAMINE
29052.679	58.0	SULFUR DIOXIDE	29139.150	54	2-PROPENENITRILE
29055.141	53	METHANAMINE	29147.358	64	METHANAMINE
29055.16	66	EPOXYBUTANE	29148.494	57.5	2,5-DIHYDROFURAN
29055.615	55	METHANAMINE	29160.135	67	THIETANE
29060.29	64	METHYL SULFIDE	29163.555	64	METHANAMINE
29060.869	62	METHYL SULFIDE	29164.406	63	1,1-DIFLUORCETHENE
29061.192	57.9	AMMONIA	29167.11	61	2-PROPENENITRILE
29061.45	64	METHYL SULFIDE	29172.203	64	METHYLOXIRANE
29063.878	67	CIS 1,2-DICHLOROETHENE	29173.704	64	METHYLOXIRANE
29067.619	60	2,5-DIHYDROFURAN	29176.11	65	ETHANETHIOL
29067.91	65	ETHANOL	29186.986	68	CIS 1,2-DICHLOROETHENE
29068.58	66	2,5-DIHYDROFURAN	29187.735	65	DICHLOROMETHANE
29074.186	66	METHANETHIOL	29188.730	66	2-PROPANOL
29076.74	67	1,1-DICHLOROETHANE	29191.791	53	METHANAMINE
29077.240	66	2-PROPYN-1-OL	29193.503	66	DICHLOROMETHANE
29077.873	65	ACETALDEHYDE	29194.041	66	METHYL SULFIDE
29082.403	64	METHYLOXIRANE	29194.2	68	ETHANOL
29090.778	67	CIS 1,2-DICHLOROETHENE	29195.784	62	DICHLOROMETHANE
29091.300	62	OXYBISMETHANE	29197.597	60.1	DICHLOROMETHANE
29091.393	66	ACETALDEHYDE	29197.655	66	2-PROPANOL
29091.821	62	METHANETHIOL	29199.401	62	DICHLOROMETHANE
29092.092	59.5	OXYBISMETHANE	29204.797	65	DICHLORODIFLUOROMETHANE
29092.356	66	THIETANE	29209.337	65	2-PROPANOL
29092.889	61	OXYBISMETHANE	29210.012	54.8	ISOXAZOLE
29094.927	58.8	OXETANE	29213.50	66	METHYLOXIRANE
29098.557	61	METHANAMINE	29215.864	58.1	CHLORODIFLUOROMETHANE
29099.027	54.6	FURAN	29217.486	58.0	CHLORODIFLUOROMETHANE
29100.228	63	PYRROLE	29220.864	59.1	METHYLOXIRANE
29102.537	64	THIOPHENE	29225.486	63	2-FURANCARBONALDEHYDE
29107.2	70	ETHANOL	29228.105	65	THIOPHENE
29113.798	58	METHANOL	29230.37	63	1,1-DICHLOROETHANE
29118.6	67	ETHANOL	29236.813	65	TETRAHYDROTHIOPHENE
29120.236	64	CHLORODIFLUOROMETHANE	29239.159	58	2-PROPENENITRILE
29121.325	64	CHLORODIFLUOROMETHANE	29240.292	65	METHYLOXIRANE
29123.28	68	ACETALDEHYDE	29241.987	65	METHYLOXIRANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
29242.621	66	2-FURANCARBCXALDEHYDE	29345.4	63	ETHANOL
29243.81	59	METHANAMINE	29349.56	67	2-PROPYN-1-OL
29247.554	68	FURAN	29350.646	66	THIETANE
29252.582	56.4	OXETANE	29350.837	67	2-METHYLFURAN
29254.610	65	2-PROPANOL	29354.129	61	FLUOROBENZENE
29255.84	62	ETHANOL	29356.113	67	FORMIC ACID, METHYL ESTER
29266.9	64	ETHANOL	29358.109	67	2-METHYLFURAN
29271.476	68	OXETANE	29359.1	68	ETHANOL
29275.371	62	PYRIDINE	29360.341	64	2-PROPANOL
29280.774	65	THIETANE	29363.17	68	METHYL SULFIDE
29283.435	67	1,1-DICHLOROETHANE	29366.682	66	OXETANE
29285.511	66	2,5-DIHYDROFURAN	29367.629	63	FLUOROETHENE
29286.543	66	METHYL SULFIDE	29367.789	60.4	1,1-DIFLUOROETHENE
29286.901	63	2-PROPYN-1-OL	29371.962	67	CIS 1,2-DICHLOROETHENE
29289.757	61	METHYLOXIRANE	29372.503	56.7	1,1-DIFLUORCETHENE
29292.723	64	DICHLOROMETHANE	29374.167	66	CIS 1,2-DICHLOROETHENE
29293.333	62	DICHLOROMETHANE	29380.308	54.8	METHYLOXIRANE
29293.930	64	DICHLOROMETHANE	29384.699	61	CHLORODIFLUOROMETHANE
29301.525	54	METHYLOXIRANE	29385.806	61	CHLORODIFLUOROMETHANE
29302.77	67	CIS 1,2-DICHLOROETHENE	29386.050	64	THIETANE
29305.209	54.9	1,1-DIFLUOROETHENE	29387.829	64	METHYL SULFIDE
29306.697	66	METHANAMINE	29396.807	64	ACETALDEHYDE
29307.425	63	METHANAMINE	29400.129	62	METHYL SULFIDE
29309.900	61	1,1-DIFLUORCETHENE	29401.60	66	FORMIC ACID, METHYL ESTER
29311.880	56.7	2,5-DIHYDROFURAN	29401.95	66	FORMIC ACID, METHYL ESTER
29314.926	68	THIETANE	29406.9	64	ETHANOL
29315.146	55	ISXAZOLE	29407.337	60.3	2-BUTENAL
29315.19	67	METHANOL	29410.667	66	METHYL SULFIDE
29317.385	61	THIOPHENE	29412.23	66	METHYL SULFIDE
29318.676	57.8	FLUOROETHENE	29414.237	65	2-BUTENAL
29321.328	45	SULFUR DIOXIDE	29416.948	64	DICHLOROMETHANE
29323.4	67	ETHANOL	29417.490	68	FORMIC ACID, METHYL ESTER
29324.82	67	2-PROPANONE	29419.889	68	2-BUTENAL
29328.087	63	2-PROPYN-1-OL	29421.090	64	2-PROPANOL
29330.938	68	CIS 1,2-DICHLOROETHENE	29422.988	66	2-PROPANOL
29336.576	51.8	THIIRANE	29423.584	66	2-PROPYN-1-CL
29337.48	64	2-PROPENENITRILE	29425.295	67	2-BUTENAL
29337.704	68	1,2-DICHLORCETHANE	29435.246	54.6	METHYLOXIRANE
29338.546	67	CIS 1,2-DICHLOROETHENE	29438.291	62	METHYLOXIRANE
29344.518	68	OXETANE	29450.724	62	OXETANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
29452.385	62	METHYLOXIRANE	29525.450	65	2-FURANCARBOXALDEHYDE
29452.92	61	METHYL SULFIDE	29530.52	62	METHYLOXIRANE
29453.402	58.1	METHYL SULFIDE	29531.32	62	METHYLOXIRANE
29453.89	61	METHYL SULFIDE	29531.78	58	PYRIDINE
29455.00	66	METHYL SULFIDE	29537.107	66	CIS 1,2-DICHLOROETHENE
29458.342	65	2-PROPANOL	29538.659	61	2-FURANCARBOXALDEHYDE
29464.072	64	2-PROPANOL	29545.783	61	2,5-DIHYDROFURAN
29464.238	66	DICHLORODIFLUOROMETHANE	29548.124	65	PYRROLE
29466.515	51.6	PYRROLE	29549.25	67	2-PROPANONE
29466.99	67	ACETALDEHYDE	29550.54	67	2-FURANCARBOXALDEHYDE
29468.09	65	ACETALDEHYDE	29555.406	65	2-FURANCARBOXALDEHYDE
29468.486	62	METHYL SULFIDE	29555.856	61	2,5-DIHYDROFURAN
29469.512	66	PROPANAL	29557.370	53.7	OXETANE
29472.933	66	2-PROPANOL	29559.11	62	THIETANE
29473.222	66	2-BUTENAL	29560.87	61	2-FURANCARBOXALDEHYDE
29473.254	65	ACETALDEHYDE	29560.87	62	2-FURANCARBOXALDEHYDE
29475.181	65	2-PROPEN-1-CL	29562.939	66	THIETANE
29475.382	66	2-BUTENAL	29564.155	58	THIAZOLE
29479.670	65	THIETANE	29564.942	61	THIETANE
29482.930	65	PROPANAL	29567.804	58.0	OXETANE
29483.23	68	THIETANE	29570.53	67	DICHLORODIFLUOROMETHANE
29485.320	66	PROPANAL	29571.685	56.7	NITROMETHANE
29488.136	60.5	PROPANAL	29572.88	65	2-FURANCARBOXALDEHYDE
29491.557	65	CIS 1,2-DICHLOROETHENE	29573.98	67	2-FURANCARBOXALDEHYDE
29492.18	65	CIS 1,2-DICHLOROETHENE	29574.147	65	DICHLOROMETHANE
29493.18	66	CIS 1,2-DICHLOROETHENE	29575.874	51.3	ISOXAZOLE
29497.992	62	CIS 1,2-DICHLOROETHENE	29575.977	56.8	OXETANE
29498.897	66	DICHLORODIFLUOROMETHANE	29576.961	65	2-PROPEN-1-CL
29498.912	65	METHYLOXIRANE	29577.590	65	2-FURANCARBOXALDEHYDE
29499.293	66	CIS 1,2-DICHLOROETHENE	29581.918	60.3	DICHLOROMETHANE
29503.91	65	CIS 1,2-DICHLOROETHENE	29584.682	57	HYDROCYANIC ACID
29504.35	64	CIS 1,2-DICHLOROETHENE	29589.08	67	2-FURANCARBOXALDEHYDE
29505.00	66	DICHLOROMETHANE	29589.08	73	TRICHLOROFUOROMETHANE
29505.14	66	CIS 1,2-DICHLOROETHENE	29589.593	67	DICHLOROMETHANE
29505.194	66	DICHLOROMETHANE	29589.885	73	TRICHLOROFUOROMETHANE
29509.441	69	THIETANE	29592.254	65	2,5-DIHYDROFURAN
29511.948	63	DICHLORODIFLUOROMETHANE	29593.437	62	METHANETHIOL
29516.012	67	CIS 1,2-DICHLOROETHENE	29593.860	67	2,5-DIHYDROFURAN
29516.148	66	2-PROPANOL	29594.62	67	CHLOROETHANE
29523.077	67	2-PROPEN-1-CL	29595.07	67	CHLOROETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
29595.14	68	2-FURANCARBOXALDEHYDE	29718.448	63	ACETALDEHYDE
29596.972	63	2,5-DIHYDROFURAN	29720.113	68	METHYL SULFIDE
29599.377	64	DICHLOROMETHANE	29721.856	65	TETRAHYDROTHIOPHENE
29599.534	64	METHANAMINE	29728.58	67	ACETALDEHYDE
29600.99	65	2-FURANCARBOXALDEHYDE	29728.945	63	TETRAHYDROTHIOPHENE
29601.216	65	METHYLOXIRANE	29729.492	65	THIOPHENE
29603.035	64	ETHANETHIOL	29729.611	65	FORMIC ACID, METHYL ESTER
29604.468	65	METHYLOXIRANE	29730.103	59.9	METHYLOXIRANE
29605.785	64	2-FURANCARBOXALDEHYDE	29731.865	63	METHYLOXIRANE
29607.03	68	CHLORODIFLUOROMETHANE	29733.09	63	METHYLOXIRANE
29610.66	67	CHLORODIFLUOROMETHANE	29734.673	66	DICHLORODIFLUOROMETHANE
29614.672	66	CIS 1,2-DICHLOROETHENE	29734.812	67	FURAN
29617.668	66	2-FURANCARBOXALDEHYDE	29736.783	68	CIS 1,2-DICHLOROETHENE
29618.526	65	2-PROPANOL	29736.841	63	ETHANETHIOL
29618.913	64	PROPANAL	29737.298	65	OXETANE
29625.75	68	1-CHLOROPROPANE	29737.672	65	1,2-DICHLOROETHANE
29627.193	65	1,1-DICHLOROETHANE	29738.589	52.7	ISOXAZOLE
29631.522	66	CIS 1,2-DICHLOROETHENE	29738.917	67	FLUOROBENZENE
29632.041	63	2-FURANCARBOXALDEHYDE	29740.679	60.4	METHYLOXIRANE
29634.992	65	2-PROPANOL	29745.096	63	ETHANETHIOL
29636.940	48	METHANOL	29745.355	68	FORMAMIDE
29636.95	66	METHANAMINE	29758.23	67	2-PROPANONE
29639.446	64	CHLOROBENZENE	29759.201	62	OXETANE
29639.960	59.6	2,5-DIHYDROFURAN	29764.751	53.1	METHYLOXIRANE
29644.38	67	2-FURANCARBOXALDEHYDE	29769.158	55	PYRIDINE
29644.992	67	2-FURANCARBOXALDEHYDE	29773.426	68	METHYL SULFIDE
29645.812	67	2-PROPYN-1-OL	29773.719	63	ACETALDEHYDE
29648.236	66	2-FURANCARBOXALDEHYDE	29776.796	64	2-FURANCARBOXALDEHYDE
29653.245	65	2,5-DIHYDROFURAN	29778.326	68	CIS 1,2-DICHLOROETHENE
29653.387	52.2	ISOXAZOLE	29779.691	58.8	2-BUTENAL
29668.182	60.1	2,5-DIHYDROFURAN	29780.798	62	2,5-DIHYDROFURAN
29674.43	56	PYRIDINE	29785.581	66	DICHLOROMETHANE
29677.0	68	ETHANOL	29786.68	66	2-BUTENAL
29684.196	65	METHYLOXIRANE	29787.669	63	1,2-DICHLOROETHANE
29687.039	45.5	OXIRANE	29788.45	64	2-BUTENAL
29703.986	64	2-PROPANOL	29788.647	65	2-FURANCARBOXALDEHYDE
29707.128	65	CIS 1,2-DICHLOROETHENE	29789.06	64	2-BUTENAL
29710.972	67	1,1-DIFLUOROETHENE	29789.936	65	CIS 1,2-DICHLOROETHENE
29713.811	67	CIS 1,2-DICHLOROETHENE	29793.542	67	2-FURANCARBOXALDEHYDE
29717.448	59.8	OXETANE	29794.20	63	2-BUTENAL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
29795.18	64	2-BUTENAL	29847.24	66	2-BUTENAL
29796.27	67	2-BUTENAL	29847.572	68	1,2-DICHLOROETHANE
29798.05	63	1,1-DICHLOROETHANE	29848.50	67	2-BUTENAL
29798.233	66	DICHLORODIFLUOROMETHANE	29850.00	66	2-BUTENAL
29798.40	56	2-BUTENAL	29851.567	67	FLUOROETHENE
29798.71	61	1,1-DICHLOROETHANE	29851.98	66	2-BUTENAL
29799.07	57	2-BUTENAL	29853.08	65	2-BUTENAL
29800.05	62	2-BUTENAL	29854.70	64	2-BUTENAL
29801.21	66	2-BUTENAL	29855.26	66	2-BUTENAL
29802.561	65	TETRAHYDROTHIOPHENE	29857.41	59	2-BUTENAL
29803.48	65	2-BUTENAL	29858.02	60	2-BUTENAL
29804.56	62	ETHANOL	29861.24	64	2-BUTENAL
29804.92	61	2-BUTENAL	29861.94	65	2-BUTENAL
29805.60	61	2-BUTENAL	29862.50	66	2-BUTENAL
29808.42	60	2-BUTENAL	29866.470	62	2-BUTENAL
29810.85	63	2-BUTENAL	29869.77	64	2-BUTENAL
29812.294	66	1,1-DIFLUOROETHENE	29873.27	64	2-BUTENAL
29813.83	61	2-BUTENAL	29873.865	63	METHYLOXIRANE
29814.51	62	2-BUTENAL	29874.01	65	2-BUTENAL
29818.03	63	2-BUTENAL	29874.80	66	2-BUTENAL
29819.38	63	2-BUTENAL	29877.68	66	2-BUTENAL
29820.086	57.8	OXETANE	29883.27	66	2-BUTENAL
29820.53	63	2-BUTENAL	29884.604	66	1,2-DICHLOROETHANE
29822.52	67	2-BUTENAL	29888.134	64	METHYLOXIRANE
29824.22	64	2-BUTENAL	29889.40	63	METHANOL
29825.40	66	2-BUTENAL	29890.113	64	THIETANE
29826.11	66	2-BUTENAL	29890.453	67	2,5-DIHYDROFURAN
29826.65	66	2-BUTENAL	29893.295	61	OXETANE
29828.24	65	2-BUTENAL	29893.567	59	ETHANAMINE
29828.564	67	2,5-DIHYDROFURAN	29896.251	64	PROPANAL
29828.99	66	2-BUTENAL	29896.867	66	2-BUTENAL
29830.327	64	2,5-DIHYDROFURAN	29900.485	60	OXYBISMETHANE
29833.854	66	ACETALDEHYDE	29901.392	58.2	OXYBISMETHANE
29835.17	67	2-BUTENAL	29902.289	60	OXYBISMETHANE
29836.18	68	2-BUTENAL	29903.833	67	CIS 1,2-DICHLOROETHENE
29836.72	67	2-BUTENAL	29909.014	67	CIS 1,2-DICHLOROETHENE
29838.627	62	2-BUTENAL	29913.08	67	ACETALDEHYDE
29839.78	67	2-BUTENAL	29914.487	42.2	AMMONIA
29840.90	67	2-BUTENAL	29914.852	66	CIS 1,2-DICHLOROETHENE
29844.842	68	METHYL SULFIDE	29915.072	67	1,1-DICHLOROETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
29915.55	61	2-BUTENAL	29977.912	67	OXYBISMETHANE
29917.375	67	DICHLOROMETHANE	29978.581	65	METHYLOXIRANE
29918.396	65	DICHLOROMETHANE	29979.384	56.8	ETHANOL
29919.421	67	DICHLOROMETHANE	29981.381	64	METHYLOXIRANE
29919.60	66	2-BUTENAL	29982.374	53.0	ISOXAZOLE
29923.349	66	DICHLORODIFLUOROMETHANE	29983.86	68	1-PROPANOL
29924.072	54.4	THIIRANE	29988.376	65	2-PROPANOL
29924.42	67	2-BUTENAL	29995.878	69	METHYL SULFIDE
29926.234	64	OXYBISMETHANE	29999.378	66	DICHLOROMETHANE
29929.970	65	OXYBISMETHANE	30001.276	69	METHYL SULFIDE
29931.19	66	ACETALDEHYDE	30001.288	61	OXETANE
29933.543	63	PYRIDINE	30003.03	69	METHYL SULFIDE
29936.750	66	EPOXYBUTANE	30003.418	66	DICHLOROMETHANE
29938.183	68	METHYL SULFIDE	30003.784	66	DICHLOROMETHANE
29940.551	68	METHYL SULFIDE	30006.037	59	2-PROPANONE
29943.73	65	THIETANE	30006.247	49.8	ISOXAZOLE
29943.843	64	METHYL SULFIDE	30006.554	58.9	2,5-DIHYDROFURAN
29944.665	63	THIETANE	30007.747	67	DICHLOROMETHANE
29946.077	63	2-PROPANOL	30010.52	63	METHANOL
29946.398	66	THIETANE	30025.416	62	THIOPHENE
29947.150	69	METHYL SULFIDE	30025.418	62	THIOPHENE
29947.954	65	CIS 1,2-DICHLOROETHENE	30025.686	58	METHANAMINE
29952.127	68	CIS 1,2-DICHLOROETHENE	30026.861	66	1,2-DICHLOROETHANE
29955.69	67	METHANOL	30029.076	61	FLUOROBENZENE
29956.588	64	THIETANE	30032.324	65	TETRAHYDROTHIOPHENE
29956.611	68	CIS 1,2-DICHLOROETHENE	30037.357	59	NITROMETHANE
29957.065	63	OXYBISMETHANE	30038.248	55.4	METHYLOXIRANE
29957.763	65	2-PROPYN-1-OL	30038.764	58.7	FLUOROETHENE
29959.665	67	2(3H)-DIHYDROFURANONE	30040.805	65	OXETANE
29964.29	68	CHLOROETHANE	30042.38	66	CIS 1,2-DICHLOROETHENE
29964.84	66	CHLOROETHANE	30042.881	65	CIS 1,2-DICHLOROETHENE
29965.383	56.6	FURAN	30043.40	66	CIS 1,2-DICHLOROETHENE
29965.935	56.5	PYRROLE	30044.83	62	ETHANOL
29967.300	65	CHLOROETHANE	30048.755	63	METHYLOXIRANE
29969.049	54.3	OXETANE	30049.18	66	CHLOROETHENE
29971.10	66	2-BUTENAL	30049.48	66	CHLOROETHENE
29971.71	66	2-BUTENAL	30050.784	65	ACETALDEHYDE
29972.526	53.6	PYRROLE	30052.036	64	FLUOROBENZENE
29973.043	53	METHANOL	30055.161	54.6	OXETANE
29973.387	65	2,5-DIHYDROFURAN	30057.615	61	2,5-DIHYDROFURAN

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
30063.996	55.5	1,1-DIFLUORCETHENE	30180.18	66	2(3H)-DIHYDROFURANCNE
30064.330	64	METHYLOXIRANE	30184.383	63	2-PROPANOL
30074.118	55.5	ISOXAZOLE	30188.68	66	DICHLORMETHANE
30075.247	57.5	2,5-DIHYDROFURAN	30188.857	65	2-BUTENAL
30076.714	67	1,1-DICHLOROETHANE	30189.075	65	DICHLORMETHANE
30076.924	62	DICHLORMETHANE	30190.469	67	2-BUTENAL
30077.219	64	DICHLORMETHANE	30193.44	62	METHANOL
30080.142	62	PYRROLE	30202.210	65	THIETANE
30080.433	68	METHYL SULFIDE	30204.904	63	2-PROPYN-1-OL
30083.356	65	METHANETHIOL	30205.545	53.1	SULFUR DIOXIDE
30088.290	59.9	METHANAMINE	30208.454	51.9	ISOXAZOLE
30090.263	62	FLUORCETHENE	30208.482	65	ETHANETHIOL
30092.722	55.4	OXETANE	30210.530	63	2-PROPYN-1-OL
30094.057	61	ETHANAMINE	30221.613	65	1,2-DICHLORCETHANE
30098.971	64	DICHLORMETHANE	30226.40	62	METHANAMINE
30099.923	62	2-PROPANONE	30227.727	67	2-BUTENAL
30100.782	63	DICHLORMETHANE	30229.460	67	2-BUTENAL
30100.954	58.7	FLUOROBENZENE	30233.89	67	THIETANE
30104.164	64	2-PROPANOL	30235.06	63	CIS 1,2-DICHLOROETHENE
30104.755	64	DICHLORMETHANE	30236.17	57	PYRIDINE
30105.466	64	DICHLORMETHANE	30236.450	59.7	METHANAMINE
30105.691	65	2,5-DIHYDROFURAN	30239.203	64	CHLOROBENZENE
30107.605	65	THIETANE	30239.372	61	TETRAHYCROTHIOPHENE
30108.577	65	2-PROPEN-1-OL	30240.30	67	CHLORODIFLUORMETHANE
30109.107	64	DICHLORMETHANE	30240.412	65	2,5-DIHYDROFURAN
30110.156	63	DICHLORMETHANE	30244.526	64	TETRAHYDROTHIOPHENE
30113.503	65	DICHLORMETHANE	30244.83	67	CHLORODIFLUORMETHANE
30118.698	66	DICHLORMETHANE	30246.530	67	EPOXYBUTANE
30122.395	66	FLUOROBENZENE	30248.523	66	2-FURANCARBOXALDEHYDE
30145.60	67	2-PROPANONE	30255.99	61	NITROMETHANE
30153.797	64	FURAN	30257.512	64	2-PROPANOL
30155.753	60.4	OXIRANE	30258.33	67	CHLORODIFLUORMETHANE
30156.792	61	OXETANE	30258.59	64	1,1-DICHLOROETHANE
30160.861	64	PYRROLE	30259.73	67	CHLORODIFLUORMETHANE
30162.775	66	FORMIC ACID, METHYL ESTER	30260.665	63	DICHLORMETHANE
30168.100	63	2-PROPYN-1-OL	30260.92	67	1,1-DICHLOROETHANE
30170.941	67	OXETANE	30262.21	60	PYRIDINE
30173.245	64	2,5-DIHYDROFURAN	30269.755	63	THIOPHENE
30176.186	64	2-PROPANOL	30272.301	66	2,5-DIHYDROFURAN
30177.611	61	2-BUTENAL	30273.331	64	PYRROLE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
30274.58	68	2(3H)-DIHYDROFURANONE	30389.071	62	THIETANE
30276.083	67	1,2-DICHLOROETHANE	30390.584	64	ETHANAMINE
30276.665	66	2-PROPANOL	30391.201	65	1,1-DICHLOROETHANE
30295.329	61	TETRAHYDROTHIOPHENE	30391.83	67	1,1-DICHLOROETHANE
30300.47	66	2-PROPANONE	30394.008	68	ETHANETHIOL
30300.877	64	TETRAHYDROTHIOPHENE	30394.082	64	2(3H)-DIHYDROFURANONE
30303.208	67	2-PROPEN-1-CL	30394.303	56.7	FLUOROETHENE
30305.533	60.4	1,1-DIFLUOROETHENE	30394.398	60.1	2,5-DIHYDROFURAN
30308.030	48	METHANOL	30395.001	66	FLUOROBENZENE
30317.357	51.5	ISOXAZOLE	30397.03	61	ETHANETHIOL
30318.649	66	CHLOROETHANE	30397.26	61	ETHANETHIOL
30321.730	68	CHLOROETHANE	30398.191	67	THIETANE
30322.623	67	METHYL SULFIDE	30399.884	68	METHYL SULFIDE
30322.85	66	ETHANETHIOL	30406.75	69	1-PROPANOL
30322.935	67	CHLOROETHANE	30406.82	65	3-BUTENENITRILE
30323.15	66	ETHANETHIOL	30410.658	66	2-PROPANOL
30330.503	60	2(3H)-DIHYDROFURANONE	30412.002	67	1,1-DICHLOROETHANE
30331.488	65	3-BUTENENITRILE	30414.421	68	METHYL SULFIDE
30340.2	66	ETHANOL	30417.66	67	2-PROPANONE
30342.833	66	2(3H)-DIHYDROFURANONE	30417.968	59.6	THIAZOLE
30343.952	53.1	PYRROLE	30418.630	62	2-PROPANOL
30345.342	66	DICHLOROMETHANE	30423.37	64	ETHANETHIOL
30346.81	64	DICHLOROMETHANE	30425.22	67	CIS 1,2-DICHLOROETHENE
30346.913	52	ISOXAZOLE	30428.08	68	2-PROPANONE
30347.224	64	DICHLOROMETHANE	30428.94	68	2-PROPANONE
30348.687	64	DICHLOROMETHANE	30429.881	58.2	2,5-DIHYDROFURAN
30349.818	59	THIAZOLE	30429.891	59	METHANOL
30352.548	62	2,5-DIHYDROFURAN	30433.219	51.2	ISOXAZOLE
30358.50	68	ACETALDEHYDE	30437.072	67	CIS 1,2-DICHLOROETHENE
30363.820	67	METHYL SULFIDE	30439.377	53.2	1,1-DIFLUOROETHENE
30366.187	68	1,2-DICHLOROETHANE	30439.399	53.7	THIIRANE
30366.42	64	PYRIDINE	30439.79	66	2-PROPANOL
30367.844	64	METHANETHIOL	30445.653	64	PYRROLE
30371.132	66	EPOXYBUTANE	30447.506	64	2-PROPANOL
30372.280	69	METHYL SULFIDE	30448.52	64	ETHANETHIOL
30379.95	64	METHYLOXIRANE	30448.76	64	ETHANETHIOL
30380.840	64	3-BUTENENITRILE	30455.845	66	THIETANE
30383.270	65	METHYL SULFIDE	30456.890	57	PYRICINE
30384.200	62	1,1-DIFLUOROETHENE	30459.622	63	METHYLOXIRANE
30389.047	51.3	PYRROLE	30460.059	67	OXYBISMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
30460.730	66	2-PROPANOL	30565.089	64	CIS 1,2-DICHLOROETHENE
30464.822	59.1	FURAN	30566.14	65	METHANAMINE
30464.885	70	METHYL SULFIDE	30566.37	64	CHLOROETHANE
30466.567	66	PROPANAL	30566.553	63	TETRAHYDROTHIOPHENE
30468.45	65	2-PROPANONE	30567.102	60	CHLOROETHANE
30469.773	65	DICHLOROMETHANE	30567.243	55.0	ISOXAZOLE
30478.544	64	2(3H)-DIHYDROFURANONE	30568.092	67	CIS 1,2-DICHLOROETHENE
30482.99	65	1,1-DICHLOROCETHANE	30570.571	57	THIAZOLE
30483.93	62	1,1-DICHLOROCETHANE	30589.583	63	THIETANE
30484.87	65	1,1-DICHLOROCETHANE	30590.856	64	2-PROPYN-1-CL
30490.586	67	DICHLOROMETHANE	30592.460	62	2-FURANCARBOXALDEHYDE
30492.809	64	THIETANE	30592.81	65	TETRAHYDROFURAN
30497.516	67	CHLOROETHANE	30592.926	67	THIETANE
30498.599	60.4	1,1-DICHLOROCETHANE	30605.307	66	2-FURANCARBOXALDEHYDE
30500.621	65	CHLOROETHANE	30606.161	59.8	OXETANE
30501.270	65	DICHLOROMETHANE	30610.018	65	2-PROPANOL
30504.681	65	2-PROPANOL	30611.13	69	CIS 1,2-DICHLOROETHENE
30506.505	60.4	OXETANE	30618.821	66	2-FURANCARBOXALDEHYDE
30506.830	64	3-BUTENENITRILE	30619.623	64	THIOPHENE
30508.02	65	OXETANE	30626.468	63	METHANETHIOL
30508.22	68	1-CHLOROPROPANE	30627.269	64	ETHANAMINE
30508.784	59.9	METHANETHIOL	30627.996	64	2-PROPYN-1-CL
30510.633	66	OXYBISMETHANE	30629.314	62	2-FURANCARBOXALDEHYDE
30511.561	67	CHLOROETHANE	30629.815	67	DICHLOROMETHANE
30513.223	61	FORMAMIDE	30631.297	52.0	ISOXAZOLE
30516.15	66	2-PROPANONE	30631.476	66	DICHLOROMETHANE
30521.586	61	ETHANOL	30632.01	66	1,1-DICHLOROCETHANE
30530.975	60.2	FURAN	30634.914	66	DICHLOROMETHANE
30533.965	56.9	ISOXAZOLE	30635.202	67	2-FURANCARBOXALDEHYDE
30537.408	59	AMMONIA	30635.37	65	DICHLOROMETHANE
30542.611	61	METHYL SULFIDE	30635.748	66	1,2-DICHLOROETHANE
30543.307	64	EPOXYBUTANE	30635.949	65	DICHLOROMETHANE
30543.52	67	OXYBISMETHANE	30636.595	63	2-PROPANONE
30555.963	63	CHLORODIFLUOROMETHANE	30637.43	67	1,2-DICHLOROETHANE
30556.971	63	CHLORODIFLUOROMETHANE	30638.294	67	DICHLOROMETHANE
30559.593	64	TETRAHYDROFURAN	30639.46	67	2-PROPANOL
30559.768	51.5	THIETANE	30644.28	68	DICHLORODIFLUOROMETHANE
30562.109	64	EPOXYBUTANE	30644.87	66	DICHLORODIFLUOROMETHANE
30563.25	63	CHLOROETHANE	30648.486	62	2-PROPANOL
30564.000	61	CHLOROETHANE	30652.227	63	METHANETHIOL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
30652.616	67	EPOXYBUTANE	30728.839	67	1,2-DICHLOROETHANE
30658.068	66	DICHLORCMETHANE	30730.52	67	CHLORODIFLUORCMETHANE
30659.737	51.3	1,1-DIFLUOROETHENE	30734.002	66	ACETALDEHYDE
30660.453	66	2,5-DIHYDROFURAN	30736.426	62	FORMAMIDE
30663.301	65	ACETALDEHYDE	30737.681	56.1	2,5-DIHYDROFURAN
30670.17	63	ETHANOL	30739.637	62	PYRROLE
30670.68	67	ACETALDEHYDE	30741.777	58.7	METHANETHIOL
30671.17	62	FLUOROBENZENE	30744.688	52.0	ISOXAZOLE
30675.576	53.3	1,1-DIFLUORCETHENE	30749.739	55.2	OXETANE
30675.761	65	FLUOROBENZENE	30750.223	67	ACETALDEHYDE
30676.17	65	2-PROPANONE	30751.108	65	2-PROPEN-1-CL
30676.521	66	METHYL SULFIDE	30751.18	67	CHLOROETHANE
30676.596	54.3	FURAN	30752.215	52	METHANOL
30678.69	64	METHANOL	30758.348	61	FLUOROBENZENE
30679.408	61	THIETANE	30763.454	63	DICHLORCMETHANE
30679.57	64	3-BUTENENITRILE	30765.011	66	DICHLOROMETHANE
30679.851	55	FURAN	30769.574	58	DICHLORCMETHANE
30679.88	67	1,1-DICHLORCETHANE	30771.586	67	CHLOROETHANE
30679.923	65	DICHLORODIFLUOROMETHANE	30774.7	65	ETHANOL
30680.77	68	1,1-DICHLORCETHANE	30775.697	64	DICHLOROMETHANE
30685.706	65	2-PROPYN-1-OL	30778.319	63	2,5-DIHYDROFURAN
30688.420	64	METHYL SULFIDE	30778.642	67	OXYBISMETHANE
30695.173	67	FORMIC ACID, METHYL ESTER	30779.27	67	2-PROPANONE
30699.304	59.7	DICHLORCMETHANE	30779.292	60.3	THIETANE
30700.215	67	METHYL SULFIDE	30782.826	62	1,1-DICHLORCETHANE
30703.30	64	3-BUTENENITRILE	30785.7	66	ETHANOL
30706.352	66	CHLOROETHANE	30788.61	59	NITROMETHANE
30708.743	62	CHLOROETHANE	30788.870	62	EPOXYBUTANE
30711.853	65	THIOPHENE	30791.744	64	TETRAHYDROTHIOPHENE
30713.652	66	2-PROPANOL	30800.69	65	3-BUTENENITRILE
30714.45	66	2-PROPANONE	30801.433	68	DICHLOROMETHANE
30714.84	63	3-BUTENENITRILE	30803.348	62	FLUOROBENZENE
30717.793	65	METHYLOXIRANE	30803.821	65	CHLOROBENZENE
30720.30	63	3-BUTENENITRILE	30806.946	68	METHYL SULFIDE
30721.043	57.6	METHANAMINE	30807.36	65	METHYL SULFIDE
30725.120	53.4	PYRROLE	30808.303	68	2-CHLOROPROPANE
30726.364	65	3-BUTENENITRILE	30808.699	65	2-PROPANOL
30727.673	63	OXETANE	30810.725	67	2-CHLOROPROPANE
30728.30	65	3-BUTENENITRILE	30811.964	66	DICHLOROMETHANE
30728.83	67	CHLORODIFLUORCMETHANE	30819.21	68	FORMALDEHYDE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
30822.86	62	METHYL SULFIDE	30898.656	65	2-PROPANOL
30823.197	65	FLUOROBENZENE	30901.749	63	CHLOROBENZENE
30823.322	60	METHYL SULFIDE	30902.236	65	DICHLOROMETHANE
30823.78	62	METHYL SULFIDE	30903.356	51.5	ISOXAZOLE
30824.430	68	THIETANE	30903.700	60.1	DICHLOROMETHANE
30827.39	69	1,2-DICHLOROETHANE	30905.162	64	DICHLOROMETHANE
30828.990	63	METHANAMINE	30907.124	65	2-PROPANOL
30829.969	66	ACETALDEHYDE	30908.308	66	2-PROPANOL
30832.936	64	3-BUTENENITRILE	30908.596	68	CIS 1,2-DICHLOROETHENE
30833.518	66	OXETANE	30910.912	67	ACETALDEHYDE
30834.97	66	METHYLOXIRANE	30911.814	67	OXYBISMETHANE
30835.42	66	METHYLOXIRANE	30912.650	67	1,2-DICHLOROETHANE
30839.211	69	THIETANE	30912.78	66	OXYBISMETHANE
30849.496	60.0	OXETANE	30913.14	66	OXYBISMETHANE
30851.451	68	2-CHLOROPROPANE	30913.891	67	2-PROPEN-1-OL
30853.918	58	2-PROPYN-1-OL	30914.669	53.3	ISOXAZOLE
30856.045	65	2-PROPEN-1-OL	30917.224	66	ACETALDEHYDE
30858.301	49	METHANOL	30930.209	52.6	METHYLOXIRANE
30859.739	63	METHANETHIOL	30934.289	63	CIS 1,2-DICHLOROETHENE
30860.590	66	FLUOROBENZENE	30934.87	65	TETRAHYDROFURAN
30862.068	62	2-FURANCARBOXALDEHYDE	30935.28	66	TETRAHYDROFURAN
30864.096	59	METHYLOXIRANE	30939.150	59.9	1,1-DICHLOROETHANE
30866.302	65	FLUOROBENZENE	30939.496	59.7	PYRROLE
30866.380	66	2-FURANCARBOXALDEHYDE	30939.659	67	2-PROPENAL
30869.571	63	METHYLOXIRANE	30940.460	65	2-PROPANONE
30872.449	59.5	METHYLOXIRANE	30941.13	66	NITROETHANE
30873.520	61	2-PROPANOL	30941.367	63	ACETALDEHYDE
30874.767	59.7	METHANETHIOL	30943.52	66	2-PROPENENITRILE
30875.187	63	THIETANE	30944.351	63	CIS 1,2-DICHLOROETHENE
30876.426	66	ACETALDEHYDE	30951.799	65	THIETANE
30876.821	65	3-BUTENENITRILE	30954.984	69	METHYL SULFIDE
30876.851	65	1,1-DICHLOROETHANE	30956.421	64	METHYLOXIRANE
30881.063	67	2-FURANCARBOXALDEHYDE	30956.52	67	DICHLORODIFLUOROMETHANE
30881.94	64	1,1-DICHLOROETHANE	30957.07	65	2-PROPANOL
30883.35	68	CIS 1,2-DICHLOROETHENE	30958.02	65	2-PROPANOL
30886.68	64	PYRIDINE	30961.081	56.4	METHYLOXIRANE
30888.654	67	2(3H)-DIHYDROFURANONE	30962.60	67	1-FLUORO-4-METHYLBENZENE
30893.21	65	CHLORODIFLUOROMETHANE	30964.06	64	NITROETHANE
30894.12	65	CHLORODIFLUOROMETHANE	30965.956	67	2,5-DIHYDROFURAN
30894.694	65	2-FURANCARBOXALDEHYDE	30971.447	66	2-PROPANONE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
30972.284	61	METHANETHIOL	31034.625	67	FURAN
30972.998	64	METHYLOXIRANE	31036.699	69	METHYL SULFIDE
30973.143	64	OXYBISMETHANE	31038.812	62	PYRIDINE
30973.188	67	FORMIC ACID, METHYL ESTER	31041.229	62	DICHLORODIFLUOROMETHANE
30974.362	63	METHANAMINE	31043.078	65	PROPANAL
30975.419	59.3	SULFUR DIOXIDE	31043.962	62	THIOPHENE
30975.47	65	NITROETHANE	31046.834	52.6	ISOXAZOLE
30976.969	61	ETHANOL	31049.339	67	2-PROPANOL
30977.957	67	1-FLUORO-4-METHYLBENZENE	31049.90	67	CHLOROBENZENE
30980.89	66	NITROETHANE	31050.39	67	CHLOROBENZENE
30981.223	64	DICHLOROMETHANE	31052.030	66	2-PROPANOL
30982.13	68	1-FLUORO-4-METHYLBENZENE	31053.12	64	NITROMETHANE
30982.86	66	NITROETHANE	31054.69	64	METHANAMINE
30983.521	54.2	PYRIDINE	31055.552	64	OXYBISMETHANE
30986.05	68	1-FLUORO-4-METHYLBENZENE	31057.977	64	2,5-DIHYDROFURAN
30990.355	64	METHYLOXIRANE	31064.716	55	ISOXAZOLE
30990.984	51.2	PYRROLE	31064.994	65	3-BUTENENITRILE
30992.702	65	DICHLORODIFLUOROMETHANE	31067.531	65	TETRAHYDROFURAN
30993.838	63	METHANAMINE	31068.296	62	METHANETHIOL
30996.753	61	FLUOROBENZENE	31078.03	68	CHLOROBENZENE
30997.136	63	METHANAMINE	31079.954	61	OXYBISMETHANE
31000.308	66	2-PROPANOL	31079.970	60.0	2,5-DIHYDROFURAN
31001.83	62	PYRIDINE	31081.12	65	2,5-DIHYDROFURAN
31002.137	65	PROPANAL	31082.37	64	CHLOROBENZENE
31014.710	64	FURAN	31085.27	65	CHLOROBENZENE
31019.871	64	2-PROPANONE	31089.924	55.3	SULFUR DIOXIDE
31020.31	66	NITROETHANE	31092.323	62	ETHANETHIOL
31021.124	64	2-PROPANOL	31093.172	64	2,5-DIHYDROFURAN
31022.23	67	CHLOROBENZENE	31093.212	61	2-PROPANOL
31023.06	67	CHLOROBENZENE	31093.936	68	METHYL SULFIDE
31023.29	64	NITROETHANE	31095.089	59.0	2,5-DIHYDROFURAN
31025.702	62	THIOPHENE	31097.602	60.4	2,5-DIHYDROFURAN
31025.90	63	METHYLOXIRANE	31097.661	66	METHYL SULFIDE
31026.89	63	METHYLOXIRANE	31101.076	63	ETHANETHIOL
31027.216	64	2,5-DIHYDROFURAN	31101.978	66	2-PROPANONE
31027.422	66	CHLOROBENZENE	31102.35	65	OXYBISMETHANE
31028.26	67	CHLOROBENZENE	31102.64	61	OXETANE
31031.826	64	METHYLOXIRANE	31104.492	54	OXETANE
31032.587	58.0	2,5-DIHYDROFURAN	31105.06	68	CHLORODIFLUOROMETHANE
31034.149	64	METHYLOXIRANE	31105.224	60	OXYBISMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
31106.144	56	OXYBISMETHANE	31169.340	61	DICHLOROMETHANE
31107.060	61	OXYBISMETHANE	31169.87	64	DICHLOROMETHANE
31107.357	63	2-PROPYN-1-CL	31171.125	65	CHLORODIFLUORCMETHANE
31114.130	56.3	OXTANE	31172.490	66	OXYBISMETHANE
31116.48	67	2-PROPANOL	31174.936	66	OXYBISMETHANE
31120.266	66	EPOXYBUTANE	31183.320	62	2(3H)-DIHYDROFURANONE
31121.937	65	OXYBISMETHANE	31186.326	67	2-PROPANONE
31122.915	67	2-PROPEN-1-CL	31190.151	63	DICHLOROMETHANE
31129.31	66	CHLOROBENZENE	31191.847	62	1,1-DICHLOROETHANE
31129.615	68	1,2-DICHLOROETHANE	31192.324	60.1	DICHLOROMETHANE
31129.801	57.6	FLUOROETHENE	31193.990	61	DICHLORCMETHANE
31129.84	66	METHYLOXIRANE	31194.306	63	2-PROPEN-1-CL
31129.99	66	CHLOROBENZENE	31195.177	64	CHLORODIFLUORCMETHANE
31132.827	63	ACETALDEHYDE	31195.988	63	CHLORODIFLUORCMETHANE
31132.9	70	ETHANOL	31197.209	53.6	PYRROLE
31135.070	64	2-PROPEN-1-CL	31197.839	64	DICHLORCMETHANE
31135.505	65	OXYBISMETHANE	31198.537	51.2	ISOXAZOLE
31136.031	61	2,5-DIHYDROFURAN	31200.334	64	CHLORODIFLUORCMETHANE
31136.73	67	DICHLORCMETHANE	31201.152	63	CHLORODIFLUOROMETHANE
31137.357	67	DICHLOROMETHANE	31204.44	68	1-CHLOROPROPANE
31139.231	67	ACETALDEHYDE	31209.37	66	2,5-DIHYDROFURAN
31139.52	66	DICHLORCMETHANE	31209.775	51	METHANOL
31140.16	64	DICHLOROMETHANE	31211.34	66	2(3H)-DIHYDROFURANCNE
31140.273	62	METHANAMINE	31212.15	66	2(3H)-DIHYDROFURANCNE
31143.145	68	2(3H)-DIHYDROFURANONE	31214.238	68	CIS 1,2-DICHLOROETHENE
31143.228	66	DICHLOROMETHANE	31215.080	62.3	2-PROPEN-1-OL
31145.146	61	FLUOROBENZENE	31215.779	64	1,1-DIFLUOROETHENE
31145.62	68	CHLORODIFLUORCMETHANE	31220.591	47	METHANAMINE
31147.420	60.1	OXYBISMETHANE	31221.016	49	METHANAMINE
31148.38	64	2(3H)-DIHYDROFURANCNE	31225.024	66	CHLOROBENZENE
31149.902	66	1,1-DICHLOROETHANE	31226.352	66	CHLOROBENZENE
31151.579	62	PYRROLE	31226.753	49	METHANCL
31155.97	68	CHLOROBENZENE	31227.430	64	OXTANE
31159.54	66	2-PROPANOL	31232.58	67	CIS 1,2-DICHLOROETHENE
31159.66	68	2(3H)-DIHYDROFURANCNE	31232.890	54.1	ISOXAZOLE
31164.07	64	2(3H)-DIHYDROFURANONE	31233.260	65	CIS 1,2-DICHLOROETHENE
31165.307	61	THIETANE	31233.92	66	CIS 1,2-DICHLOROETHENE
31167.70	66	METHYLOXIRANE	31238.91	64	2-PROPANONE
31168.42	66	METHYLOXIRANE	31243.312	56.4	FURAN
31168.808	64	DICHLORCMETHANE	31252.997	62	METHANETHIOL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
31253.240	67	METHYLOXIRANE	31327.539	57.7	METHANAMINE
31254.032	64	THIOPHENE	31329.561	62	THIOPHENE
31255.945	62	PYRIDINE	31330.690	68	PROPANAL
31256.858	66	CHLOROETHANE	31331.940	65	2-PROPANOL
31257.718	62	2-PROPEN-1-OL	31332.764	60	CHLOROETHANE
31257.825	64	THIOPHENE	31333.556	65	CHLOROETHANE
31257.94	62	ETHANOL	31335.774	57	CHLOROETHANE
31259.891	62	CHLOROETHANE	31337.084	63	2-PROPYN-1-OL
31264.7	66	ETHANOL	31338.973	62	CIS 1,2-DICHLOROETHENE
31266.065	60.0	2,5-DIHYDROFURAN	31342.31	68	METHANOL
31268.67	64	PYRIDINE	31345.746	64	THIOPHENE
31269.9	66	ETHANOL	31345.751	67	2,5-DIHYDROFURAN
31272.483	65	1,1-DIFLUOROETHENE	31346.938	62	2-FURANCARBOXALDEHYDE
31274.286	67	1,1-DICHLOROETHANE	31352.724	66	1,1-DICHLOROETHANE
31276.51	62	ETHANOL	31354.382	51	PYRROLE
31280.255	64	CHLOROBENZENE	31354.66	67	CIS 1,2-DICHLOROETHENE
31280.327	68	METHYL SULFIDE	31354.676	59.3	THIAZOLE
31281.533	64	2-PROPANOL	31355.30	67	CIS 1,2-DICHLOROETHENE
31282.445	63	CHLORODIFLUOROMETHANE	31356.474	66	2-FURANCARBOXALDEHYDE
31283.703	63	CHLORODIFLUOROMETHANE	31356.680	69	ACETALDEHYDE
31286.147	63	2,5-DIHYDROFURAN	31357.724	65	CIS 1,2-DICHLOROETHENE
31288.561	66	OXYBISMETHANE	31358.27	58	PYRIDINE
31288.882	64	TETRAHYDROFURAN	31358.406	49.9	METHANOL
31289.091	64	CHLOROETHANE	31359.326	63	CHLOROETHANE
31293.344	57.4	OXETANE	31359.764	65	1,1-DIFLUOROETHENE
31293.759	68	1,1-DICHLOROETHANE	31360.629	68	CIS 1,2-DICHLOROETHENE
31295.649	66	CHLOROBENZENE	31367.690	67	2-FURANCARBOXALDEHYDE
31299.842	59.1	2-PROPANONE	31368.150	65	CHLOROETHANE
31300.07	64	METHYLOXIRANE	31371.250	68	METHYL SULFIDE
31303.770	66	CHLOROBENZENE	31371.678	62	CHLOROETHANE
31304.306	56.8	2,5-DIHYDROFURAN	31371.86	68	1-PROPANOL
31305.129	65	CHLOROBENZENE	31372.375	64	2-FURANCARBOXALDEHYDE
31306.13	64	2-PROPANOL	31372.992	65	METHYL SULFIDE
31306.674	62	2-PROPANONE	31377.38	60	2-PROPEN-1-OL
31306.947	60	2-PROPANOL	31381.873	56.3	PYRIDINE
31307.509	66	ETHANETHIOL	31382.920	67	ACETALDEHYDE
31308.670	57.6	2-PROPYN-1-OL	31391.798	63	CHLOROETHANE
31309.452	64	OXETANE	31396.226	65	2-PROPYN-1-OL
31323.341	67	CHLOROETHANE	31398.033	63	DICHLORODIFLUOROMETHANE
31326.850	68	2-FURANCARBOXALDEHYDE	31399.168	66	TETRAHYDROTHIOPHENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
31400.313	63	FORMAMIDE	31459.084	67	OXYBISMETHANE
31400.375	68	CIS 1,2-DICHLOROETHENE	31465.08	67	METHYLOXIRANE
31400.60	65	CHLOROETHANE	31466.004	63	DICHLOROMETHANE
31400.984	65	2-PROPANOL	31466.093	64	METHYLOXIRANE
31401.047	66	DICHLOROMETHANE	31471.042	55	PYRROLE
31401.353	66	DICHLOROMETHANE	31477.15	65	2-PROPANONE
31402.316	66	DICHLOROMETHANE	31477.362	67	PROPANAL
31404.082	62	CHLOROETHANE	31480.890	66	2-FURANCARBOXALDEHYDE
31405.831	66	DICHLOROMETHANE	31487.21	61	METHYLOXIRANE
31405.95	67	CIS 1,2-DICHLOROETHENE	31487.842	62	METHYLOXIRANE
31406.294	65	DICHLOROMETHANE	31489.47	64	PYRROLE
31406.34	69	CIS 1,2-DICHLOROETHENE	31496.565	64	PYRROLE
31406.586	66	DICHLOROMETHANE	31496.872	65	2-PROPANOL
31406.89	64	DICHLOROMETHANE	31499.82	66	CHLOROETHANE
31407.339	61	OXIRANE	31500.22	67	CHLOROETHANE
31407.57	67	CIS 1,2-DICHLOROETHENE	31502.257	64	CHLOROETHANE
31408.755	65	DICHLOROMETHANE	31506.249	60.2	OXETANE
31410.510	67	DICHLOROMETHANE	31507.880	66	CHLOROETHANE
31410.952	67	DICHLOROMETHANE	31508.620	58	ETHANAMINE
31411.757	66	DICHLOROMETHANE	31508.99	63	ETHANOL
31412.591	66	DICHLOROMETHANE	31510.32	68	2-PROPANONE
31412.857	68	CHLOROETHANE	31511.071	67	DICHLORODIFLUOROMETHANE
31414.869	62	METHANETHIOL	31513.983	60.0	2-PROPANOL
31417.52	67	2-PROPANOL	31515.677	65	TETRAHYDROTHIOPHENE
31424.945	41.7	AMMONIA	31518.833	64	PYRROLE
31425.915	62	OXETANE	31528.231	55	OXETANE
31426.844	65	NITROMETHANE	31536.025	58.6	OXETANE
31427.657	64	2,5-DIHYDROFURAN	31536.11	59	PYRROLE
31430.67	68	2-PROPANONE	31536.48	60	PYRROLE
31432.76	65	CHLORODIFLUOROMETHANE	31537.064	65	1,1-DIFLUOROETHENE
31433.66	65	CHLORODIFLUOROMETHANE	31538.170	62	2-PROPEN-1-OL
31437.884	65	DICHLOROMETHANE	31538.78	61	PYRROLE
31444.935	64	DICHLOROMETHANE	31540.635	68	1,2-DICHLOROETHANE
31446.582	59.6	DICHLOROMETHANE	31544.944	62	PYRROLE
31447.255	66	DICHLORODIFLUOROMETHANE	31547.58	64	PYRROLE
31448.209	64	DICHLOROMETHANE	31549.10	67	CHLOROETHANE
31449.078	68	EPOXYBUTANE	31550.512	67	2-PROPANOL
31454.019	67	OXYBISMETHANE	31551.577	54.3	PYRROLE
31454.311	65	1,1-DICHLOROETHANE	31553.058	63	2-PROPANONE
31455.05	67	2-PROPANONE	31555.112	61	METHANETHIOL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
31555.43	67	2-PROPANONE	31612.81	66	2(3H)-DIHYDROFURANONE
31556.569	51.7	PYRROLE	31615.951	62	2-PROPYN-1-OL
31559.114	65	2,5-DIHYDROFURAN	31616.972	61	ETHANOL
31559.685	62	PYRROLE	31617.674	55	PYRROLE
31560.386	64	TETRAHYDROTHIOPHENE	31617.835	67	2(3H)-DIHYDROFURANONE
31562.149	66	CIS 1,2-DICHLOROETHENE	31618.234	67	METHYL SULFIDE
31563.903	66	CIS 1,2-DICHLOROETHENE	31618.758	67	FURAN
31567.343	61	THIAZOLE	31618.946	59.3	DICHLOROMETHANE
31572.915	60	DICHLOROMETHANE	31620.48	65	1,1-DICHLOROETHANE
31573.30	61	PYRROLE	31621.05	65	1,1-DICHLOROCETHANE
31573.728	66	2,5-DIHYDROFURAN	31621.639	66	FORMIC ACID, METHYL ESTER
31573.960	59	DICHLOROMETHANE	31625.465	68	THIETANE
31574.431	60	DICHLOROMETHANE	31626.273	64	2-PROPYN-1-OL
31574.982	60	DICHLOROMETHANE	31629.645	64	2-PROPEN-1-CL
31575.671	61	DICHLOROMETHANE	31629.70	66	2-PROPANONE
31575.732	66	2-PROPANONE	31629.805	63	PYRIDINE
31577.154	65	DICHLOROMETHANE	31635.827	67	2,5-DIHYDROFURAN
31579.65	64	DICHLOROMETHANE	31637.588	67	2-PROPANONE
31579.70	66	OXETANE	31640.182	66	1,2-DICHLOROCETHANE
31580.06	63	DICHLOROMETHANE	31644.653	62	PYRIDINE
31580.309	62	DICHLOROMETHANE	31645.391	58	2,5-DIHYDROFURAN
31582.710	62	DICHLOROMETHANE	31646.591	66	DICHLOROMETHANE
31583.111	46	METHANAMINE	31647.283	67	CHLOROETHENE
31583.617	49	METHANAMINE	31649.190	54	PYRROLE
31584.006	65	PROPANAL	31650.462	51.3	PYRROLE
31584.756	64	OXYBISMETHANE	31650.582	66	DICHLOROMETHANE
31585.082	62	OXETANE	31653.599	66	DICHLOROMETHANE
31585.403	63	PYRROLE	31656.280	51.9	PYRROLE
31587.197	63	DICHLOROMETHANE	31657.131	59	DICHLOROMETHANE
31587.291	65	PROPANAL	31660.322	53	PYRROLE
31589.573	68	2-PROPANOL	31662.8	65	ETHANOL
31592.052	66	1,1-DIFLUOROETHENE	31664.88	68	1,1-DICHLOROETHANE
31592.272	61	ETHANOL	31664.987	54	PYRROLE
31593.092	63	2-PROPANONE	31665.923	67	2-PROPEN-1-OL
31598.002	62	2(3H)-DIHYDROFURANONE	31667.984	55	PYRROLE
31598.478	65	2-PROPANONE	31668.238	66	FLUOROETHENE
31599.728	65	2-PROPANOL	31668.390	61	2,5-DIHYDROFURAN
31601.614	67	PROPANAL	31668.500	68	PROPANAL
31611.30	66	2(3H)-DIHYDROFURANONE	31668.731	64	3-BUTENENITRILE
31611.307	68	ETHANETHIOL	31671.523	67	1,1-DIFLUOROCETHENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
31672.694	60	PYRIDINE	31721.14	63	2-PROPANONE
31673.821	63	2,5-DIHYDROFURAN	31722.209	66	FORMAMIDE
31675.040	61	METHANETHIOL	31722.41	64	2-PROPANONE
31677.440	61	NITROMETHANE	31723.53	63	2-PROPANONE
31678.921	57.3	METHYL THIRANE	31723.63	56	PYRROLE
31681.402	53	PYRROLE	31724.13	64	FORMAMIDE
31681.465	55	PYRIDINE	31724.758	57	PYRROLE
31681.508	54	FURAN	31727.524	64	2-PROPANOL
31681.813	52.8	ISOXAZOLE	31727.561	54	PYRROLE
31686.700	61	ETHANOL	31728.84	59	PYRROLE
31689.33	57	PYRROLE	31731.529	70	ACETALDEHYDE
31690.948	65	CIS 1,2-DICHLOROETHENE	31731.773	56.8	OXETANE
31692.433	65	OXYBISMETHANE	31731.821	62	2-PROPEN-1-OL
31692.715	65	FORMAMIDE	31732.206	59.2	PYRROLE
31694.046	56.2	PYRIDINE	31733.073	60.2	1,1-DICHLOROETHANE
31694.40	68	CHLOROETHANE	31737.680	68	1,2-DICHLOROETHANE
31694.653	55	PYRROLE	31739.49	67	PROPANAL
31698.170	54	PYRIDINE	31739.531	62	2-PROPANONE
31699.041	51.1	PYRROLE	31740.98	66	2-PROPANONE
31701.662	60	DICHLOROMETHANE	31741.926	64	CIS 1,2-DICHLOROETHENE
31702.139	63	ETHANAMINE	31749.103	62	DICHLOROMETHANE
31702.343	64	CIS 1,2-DICHLOROETHENE	31749.746	68	ACETALDEHYDE
31704.191	66	2-METHYLFURAN	31750.429	67	CHLOROBENZENE
31704.306	56.3	PYRROLE	31750.531	67	2-PROPANOL
31705.152	63	2-PROPANOL	31753.097	68	CHLOROETHANE
31706.49	54	PYRROLE	31756.927	57	PYRIDINE
31707.507	66	2-METHYLFURAN	31757.41	59	METHANOL
31708.43	55	PYRROLE	31757.693	65	TETRAHYDROTHIOPHENE
31711.587	65	CIS 1,2-DICHLOROETHENE	31759.943	53.3	PYRROLE
31712.727	67	FORMIC ACID, METHYL ESTER	31760.9	64	ETHANOL
31713.400	59.9	2-PROPANOL	31762.840	65	2-PROPANONE
31715.497	60	DICHLOROMETHANE	31766.752	65	2,5-DIHYDROFURAN
31716.098	58.7	DICHLOROMETHANE	31767.862	65	CIS 1,2-DICHLOROETHENE
31716.22	57	PYRROLE	31774.968	62	CIS 1,2-DICHLOROETHENE
31716.71	60	DICHLOROMETHANE	31775.331	54.1	PYRIDINE
31718.731	59.0	DICHLOROMETHANE	31776.034	60	METHANETHIOL
31718.832	51.1	ISOXAZOLE	31778.61	64	2-PROPENENITRILE
31719.571	62	DICHLOROMETHANE	31782.454	55.6	2,5-DIHYDROFURAN
31719.62	65	2-PROPANONE	31782.722	64	DICHLOROMETHANE
31719.708	63	TETRAHYDROFURAN	31783.130	59.7	PROPANAL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
31783.43	63	ETHANAMINE	31859.628	60.1	METHANETHIOL
31783.57	62	DICHLOROMETHANE	31860.499	62	PYRIDINE
31784.569	64	DICHLOROMETHANE	31861.85	61	PYRIDINE
31785.26	67	CHLORODIFLUOROMETHANE	31862.90	61	PYRIDINE
31787.170	65	OXYBISMETHANE	31863.266	66	CIS 1,2-DICHLOROETHENE
31789.29	66	CHLORODIFLUOROMETHANE	31871.900	66	2(3H)-DIHYDROFURANONE
31795.619	67	2-PROPANOL	31879.002	64	DICHLORODIFLUOROMETHANE
31795.773	57.9	FLUOROETHENE	31879.661	66	2,5-DIHYDROFURAN
31797.240	64	2-PROPANOL	31886.636	63	TETRAHYDROFURAN
31797.418	67	DICHLOROMETHANE	31888.698	64	CIS 1,2-DICHLOROETHENE
31797.86	65	1,1-DICHLOROETHANE	31889.277	65	2(3H)-DIHYDROFURANONE
31798.86	63	1,1-DICHLOROETHANE	31890.680	65	TETRAHYDROFURAN
31799.577	67	THIETANE	31893.81	65	NITROMETHANE
31799.88	66	1,1-DICHLOROETHANE	31896.956	63	2-PROPANOL
31802.65	59	NITROMETHANE	31899.220	66	TETRAHYDROTHIOPHENE
31805.568	64	CIS 1,2-DICHLOROETHENE	31899.45	64	ETHANAMINE
31806.233	62	PYRROLE	31899.53	68	2-PROPANOL
31806.29	61	PYRIDINE	31900.464	63	2-PROPANOL
31811.236	68	FORMAMIDE	31901.869	58.7	1,1-DIFLUOROETHENE
31811.759	63	1,1-DIFLUOROETHENE	31904.054	59.6	2-PROPANOL
31816.51	65	2-PROPEN-1-CL	31906.768	57	PYRIDINE
31817.30	65	2-PROPEN-1-CL	31909.584	57.3	DICHLOROMETHANE
31817.952	66	1,1-DICHLOROETHANE	31911.141	67	PROPANAL
31823.528	68	OXETANE	31918.013	61	ETHANOL
31825.294	64	FORMAMIDE	31919.479	67	2-PROPANOL
31827.131	67	OXYBISMETHANE	31920.66	66	2(3H)-DIHYDROFURANONE
31835.678	62	OXETANE	31921.58	66	2(3H)-DIHYDROFURANONE
31838.869	63	2-PROPANOL	31922.281	46	SULFUR DIOXIDE
31839.795	56	ISOXAZOLE	31922.644	61	DICHLOROMETHANE
31842.66	69	DICHLORODIFLUOROMETHANE	31925.790	65	THIETANE
31845.857	57.3	METHANAMINE	31925.932	56.9	OXETANE
31845.996	67	ETHANETHIOL	31927.291	60	METHANETHIOL
31846.798	53.7	PYRIDINE	31928.569	64	2-PROPANOL
31852.113	57.6	FLUOROETHENE	31930.57	65	1,1-DICHLOROETHANE
31852.182	68	FLUOROBENZENE	31931.843	64	1,1-DICHLOROETHANE
31853.341	64	TETRAHYDROFURAN	31933.15	67	1,1-DICHLOROETHANE
31854.498	51.2	ISOXAZOLE	31934.825	59	CHLORODIFLUOROMETHANE
31856.678	51.2	PYRROLE	31934.84	67	CHLOROBENZENE
31857.885	65	ACETALDEHYDE	31935.689	66	CHLOROBENZENE
31858.097	68	THIETANE	31936.278	58.4	CHLORODIFLUOROMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
31939.29	70	ACETALDEHYDE	32002.285	65	METHANETHIOL
31940.089	63	2,5-DIHYDROFURAN	32003.736	58.1	DICHLOROMETHANE
31942.221	61	PYRIDINE	32004.197	66	2-PROPANOL
31942.511	57.6	DICHLOROMETHANE	32004.38	68	METHANOL
31942.761	66	2-FURANCARBOXYALDEHYDE	32007.95	58	PYRIDINE
31948.061	51.9	ISOXAZOLE	32009.771	64	PYRROLE
31948.739	70	ACETALDEHYDE	32010.355	57	FURAN
31950.593	55.9	PYRIDINE	32011.735	63	METHANETHIOL
31953.237	61.9	2-PROPEN-1-OL	32012.694	62	PYRIDINE
31955.312	68	2-PROPANOL	32013.960	63	1,1-DIFLUOROETHENE
31960.385	65	2-PROPANOL	32017.493	68	2-PROPANOL
31962.94	67	1-CHLOROPROPANE	32019.452	64	2,5-DIHYDROFURAN
31965.282	58.5	OXETANE	32021.196	59.5	METHANETHIOL
31968.39	63	PYRIDINE	32022.754	61	METHANETHIOL
31969.484	66	2-PROPANOL	32028.38	67	2-PROPANONE
31969.71	64	PYRIDINE	32033.29	69	CIS 1,2-DICHLOROETHENE
31969.959	64	PYRROLE	32034.155	62	2-PROPYN-1-OL
31974.80	65	CHLORODIFLUOROMETHANE	32034.31	62	NITROMETHANE
31977.41	65	CHLORODIFLUOROMETHANE	32034.579	64	1,1-DIFLUOROETHENE
31977.790	53.9	METHANOL	32034.81	60	METHANETHIOL
31980.641	59.6	METHANETHIOL	32034.98	68	2-PROPANONE
31980.762	56.4	PYRIDINE	32036.631	62.5	AMMONIA
31981.562	66	DICHLOROMETHANE	32041.662	57.3	METHYLOXIRANE
31983.370	64	TETRAHYDROTHIOPHENE	32043.108	59.2	OXETANE
31984.127	67	2(3H)-DIHYDROFURANONE	32047.014	68	DICHLORODIFLUOROMETHANE
31984.909	59.4	THIAZOLE	32047.25	60	METHANETHIOL
31986.010	67	DICHLORODIFLUOROMETHANE	32047.903	66	DICHLORODIFLUOROMETHANE
31986.198	66	CIS 1,2-DICHLOROETHENE	32048.232	64	TETRAHYDROFURAN
31989.287	63	NITROMETHANE	32050.50	59	METHANETHIOL
31990.75	64	ETHANOL	32050.523	64	METHYLOXIRANE
31992.570	63	TETRAHYDROTHIOPHENE	32053.978	64	2-PROPANOL
31994.808	66	METHANETHIOL	32056.334	54	PYRIDINE
31995.864	65	CIS 1,2-DICHLOROETHENE	32056.969	69	THIETANE
31996.114	62	OXYBISMETHANE	32058.019	65	2-PROPANONE
31996.53	66	CIS 1,2-DICHLOROETHENE	32059.36	60	METHANETHIOL
31999.17	64	ETHANOL	32067.3	67	ETHANOL
31999.360	59.8	OXYBISMETHANE	32067.40	64	2-PROPANONE
31999.729	53.3	PYRROLE	32070.16	56	METHANETHIOL
31999.956	64	2,5-DIHYDROFURAN	32071.33	66	CHLOROETHANE
32001.117	66	CIS 1,2-DICHLOROETHENE	32071.442	64	METHYLOXIRANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
32071.456	62	PYRIDINE	32120.324	61	1,1-DICHLOROETHANE
32071.91	67	CHLOROETHANE	32123.155	59.9	2,5-DIHYDROFURAN
32072.3	68	ETHANOL	32123.655	66	CHLOROETHANE
32073.281	63	2,5-DIHYDROFURAN	32125.824	67	ACETALDEHYDE
32074.422	64	CHLOROETHANE	32126.448	66	CHLOROETHANE
32076.790	55	PYRIDINE	32127.410	64	CHLOROETHANE
32078.99	59	METHANETHIOL	32129.939	68	ACETALDEHYDE
32081.34	59	METHANETHIOL	32130.505	66	CHLOROETHANE
32082.726	66	2,5-DIHYDROFURAN	32131.456	65	CHLOROETHANE
32083.321	65	CHLOROETHANE	32132.951	65	PYRROLE
32083.452	53.0	1,1-DIFLUORCETHENE	32134.35	68	METHYLOXIRANE
32084.54	59	METHANETHIOL	32137.127	60	THIAZOLE
32084.559	59	2-PROPANOL	32138.349	63	PYRIDINE
32085.71	59	METHANETHIOL	32139.093	62	OXETANE
32085.951	59.9	OXETANE	32140.047	65	2-PROPANOL
32087.10	71	ACETALDEHYDE	32141.485	66	1,2-DICHLOROETHANE
32088.988	64	DICHLOROMETHANE	32144.806	64	PYRROLE
32090.346	63	OXETANE	32146.457	65	TETRAHYDROFURAN
32091.486	67	CIS 1,2-DICHLOROETHENE	32148.077	66	OXETANE
32093.086	66	CIS 1,2-DICHLOROETHENE	32154.923	61	METHANAMINE
32093.394	58.5	2,5-DIHYDROFURAN	32155.660	67	ACETALDEHYDE
32093.536	65	3-BUTENENITRILE	32156.204	56.2	PYRIDINE
32099.223	65	DICHLOROMETHANE	32156.408	64	ETHANETHIOL
32099.86	67	2(3H)-DIHYDROFURANONE	32157.83	61	CHLOROETHANE
32101.36	67	2(3H)-DIHYDROFURANONE	32158.41	62	CHLOROETHANE
32102.767	64	CHLOROETHENE	32160.55	63	PYRIDINE
32103.680	62	METHANAMINE	32160.927	59	CHLOROETHANE
32105.195	66	DICHLOROMETHANE	32161.09	61	PYRIDINE
32105.47	71	ACETALDEHYDE	32170.246	66	ETHANETHIOL
32107.433	69	DICHLORO DIFLUOROMETHANE	32170.283	66	2-PROPEN-1-OL
32108.913	65	DIMETHYL DISULFIDE	32171.73	68	1-PROPANOL
32110.768	65	AMMONIA	32176.20	67	1-CHLOROPROPANE
32111.509	64	2-PROPEN-1-OL	32179.030	64	TETRAHYDROFURAN
32112.273	52	METHANAMINE	32181.002	56.4	2,5-DIHYDROFURAN
32112.63	54	METHANAMINE	32181.874	65	OXETANE
32116.136	52.5	ISOXAZOLE	32185.621	61	ETHANOL
32116.27	68	1,1-DICHLOROETHANE	32186.665	61	METHANAMINE
32116.579	65	ACETALDEHYDE	32189.698	68	2-PROPANOL
32118.19	62	1,1-DICHLOROETHANE	32190.002	62	NITROMETHANE
32119.482	63	PYRIDINE	32190.929	63	2-PROPANONE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
32192.669	65	DICHLOROMETHANE	32261.168	59.6	THIAZOLE
32193.625	64	DICHLOROMETHANE	32262.170	59	2(3H)-DIHYDROFURANONE
32194.15	67	DICHLOROMETHANE	32266.862	66	2,5-DIHYDROFURAN
32194.309	61	PYRIDINE	32267.471	68	ACETALDEHYDE
32194.462	62	PYRROLE	32267.485	65	PYRIDINE
32195.818	62	OXETANE	32268.99	68	CHLOROETHANE
32197.004	68	2-PROPANONE	32270.821	62	2(3H)-DIHYDROFURANONE
32197.80	68	CIS 1,2-DICHLOROETHENE	32271.586	67	1,2-DICHLOROETHANE
32198.18	67	2-PROPEN-1-CL	32275.011	68	THIETANE
32199.369	62	2-PROPEN-1-CL	32279.388	57.2	METHANAMINE
32201.165	51.3	PYRROLE	32282.12	62	METHANAMINE
32201.80	68	CIS 1,2-DICHLOROETHENE	32282.842	59.5	METHANAMINE
32203.360	61	ETHANOL	32287.002	67	2,5-DIHYDROFURAN
32204.735	65	TETRAHYDROTHIOPHENE	32287.224	60	METHANAMINE
32205.572	57	PYRIDINE	32294.273	52.9	ISOXAZOLE
32205.906	62	FLUOROBENZENE	32294.872	65	DICHLOROMETHANE
32206.006	66	FORMIC ACID, METHYL ESTER	32295.169	63	ETHANAMINE
32206.977	67	ACETALDEHYDE	32295.27	63	DICHLOROMETHANE
32208.580	57.1	CHLORODIFLUOROMETHANE	32295.628	63	DICHLOROMETHANE
32210.487	57.2	CHLORODIFLUOROMETHANE	32295.848	59	FORMAMIDE
32212.300	69	ACETALDEHYDE	32296.96	65	2-PROPANOL
32214.346	66	2(3H)-DIHYDROFURANONE	32297.06	64	ETHANOL
32214.670	60.1	SULFUR DIOXIDE	32297.88	57	FORMAMIDE
32217.217	67	2(3H)-DIHYDROFURANONE	32298.365	65	DICHLOROMETHANE
32223.226	57.6	OXETANE	32299.199	60	DICHLOROMETHANE
32224.651	65	TETRAHYDROFURAN	32300.051	64	DICHLOROMETHANE
32225.61	69	TETRAHYDROFURAN	32302.75	64	DICHLOROMETHANE
32226.01	67	2-PROPANOL	32303.117	63	DICHLOROMETHANE
32233.047	63	TETRAHYDROTHIOPHENE	32303.572	54	PYRIDINE
32236.516	65	FLUOROBENZENE	32303.628	64	DICHLOROMETHANE
32238.062	62	CIS 1,2-DICHLOROETHENE	32304.277	64	OXETANE
32240.494	63	2-PROPEN-1-CL	32304.57	68	CIS 1,2-DICHLOROETHENE
32240.909	59.3	2,5-DIHYDROFURAN	32306.035	60	METHANAMINE
32245.724	54.2	PYRIDINE	32306.99	63	TETRAHYDROFURAN
32249.948	55	FURAN	32307.62	54	TETRAHYDROFURAN
32250.922	63	PYRIDINE	32308.872	52.5	ISOXAZOLE
32251.454	64	TETRAHYDROFURAN	32309.625	67	THIETANE
32251.906	65	CHLOROETHENE	32309.75	67	2-PROPANONE
32253.273	58.8	2-PROPANOL	32312.296	67	EPOXYBUTANE
32253.443	66	FORMIC ACID, METHYL ESTER	32312.834	66	1,1-DIFLUOROETHENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
32317.640	65	DICHLOROMETHANE	32362.692	55.7	1,1-DIFLUOROETHENE
32317.867	64	DICHLOROMETHANE	32363.104	61	2,5-DIHYDROFURAN
32318.718	64	DICHLOROMETHANE	32364.332	63	TETRAHYDROFURAN
32321.608	66	2-PROPANOL	32365.16	68	EPOXYBUTANE
32321.932	66	DICHLOROMETHANE	32368.679	65	2-PROPANONE
32322.315	65	DICHLOROMETHANE	32374.122	67	THIOPHENE
32322.737	56.7	PYRIDINE	32378.193	56.9	PYRIDINE
32322.740	64	DICHLOROMETHANE	32378.568	60	ETHANAMINE
32323.066	65	DICHLOROMETHANE	32379.396	54.7	METHANOL
32323.38	64	DICHLOROMETHANE	32385.276	67	CIS 1,2-DICHLOROETHENE
32324.964	65	DICHLOROMETHANE	32386.769	55	PYRIDINE
32325.677	65	2-PROPANOL	32389.08	62	PYRIDINE
32327.032	66	DICHLOROMETHANE	32389.864	58.4	2,5-DIHYDROFURAN
32327.515	66	DICHLOROMETHANE	32389.896	65	CIS 1,2-DICHLOROETHENE
32328.103	62	PYRIDINE	32390.567	67	CIS 1,2-DICHLOROETHENE
32328.133	66	DICHLOROMETHANE	32391.471	57.1	OXETANE
32328.900	66	DICHLOROMETHANE	32392.602	64	2-PROPANOL
32330.599	64	2-PROPANOL	32395.353	51.2	ISOXAZOLE
32332.675	68	METHYLOXIRANE	32396.640	63	3-BUTENENITRILE
32336.88	66	2(3H)-DIHYDROFURANONE	32397.295	59.6	CIS 1,2-DICHLOROETHENE
32336.914	64	2,5-DIHYDROFURAN	32399.707	68	EPOXYBUTANE
32337.91	66	2(3H)-DIHYDROFURANONE	32400.35	66	2(3H)-DIHYDROFURANONE
32338.83	65	METHYLOXIRANE	32401.428	64	2-PROPYN-1-OL
32339.44	64	METHYLOXIRANE	32401.72	66	2(3H)-DIHYDROFURANONE
32343.78	68	FORMAMIDE	32401.732	63	CIS 1,2-DICHLOROETHENE
32344.320	61	OXETANE	32404.27	64	OXYBISMETHANE
32345.275	64	2-PROPANOL	32404.685	65	CIS 1,2-DICHLOROETHENE
32345.547	58	NITROMETHANE	32404.990	63	OXYBISMETHANE
32347.487	63	METHYLOXIRANE	32405.77	66	OXYBISMETHANE
32350.207	66	2-PROPANOL	32407.350	53	OXETANE
32355.958	63	2-PROPANONE	32408.002	59	2-PROPANOL
32357.048	65	DICHLOROFLUOROMETHANE	32408.98	61	OXETANE
32357.291	66	DICHLOROFLUOROMETHANE	32410.991	62	FURAN
32357.322	54	PYRIDINE	32411.12	71	ACETALDEHYDE
32358.424	57.7	OXETANE	32415.001	64	PYRIDINE
32358.547	65	TETRAHYDROFURAN	32418.364	66	THIOPHENE
32359.636	68	OXYBISMETHANE	32419.384	60	FURAN
32360.753	64	2,5-DIHYDROFURAN	32420.45	67	2-PROPENENITRILE
32360.84	65	2-PROPANONE	32420.820	66	DICHLOROFLUOROMETHANE
32361.326	63	PYRIDINE	32422.94	62	METHYLOXIRANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
32425.591	57.1	FURAN	32503.324	66	2-PROPANONE
32425.805	61	TETRAHYDROFURAN	32507.429	65	2-PROPEN-1-OL
32433.192	65	2-PROPANONE	32509.049	67	FURAN
32434.578	66	2-PROPENAL	32509.2	63	ETHANOL
32434.821	55	PYRIDINE	32509.272	56	PYRIDINE
32436.359	64	2(3H)-DIHYDROFURANONE	32509.579	55.1	2,5-DIHYDROFURAN
32437.422	67	2,5-DIHYDROFURAN	32510.78	68	CHLORODIFLUOROMETHANE
32438.372	58	PYRIDINE	32513.41	68	CHLORODIFLUOROMETHANE
32439.187	56.9	FURAN	32515.614	68	FORMAMIDE
32439.914	65	1,1-DIFLUOROETHENE	32515.884	67	CHLOROTRIFLUOROMETHANE
32443.294	65	2,5-DIHYDROFURAN	32516.974	67	2-PROPANOL
32443.812	63	PYRIDINE	32519.839	67	CHLOROETHANE
32447.700	61	2-PROPANONE	32520.343	62	1,1-DIFLUOROETHENE
32452.977	57	2,5-DIHYDROFURAN	32521.70	66	OXETANE
32457.341	64	2-PROPANOL	32523.71	58	PYRIDINE
32458.91	68	CIS 1,2-DICHLOROETHENE	32525.01	67	2-PROPANONE
32467.175	60	2-PROPANONE	32527.60	57	PYRIDINE
32467.649	51.3	METHANAMINE	32531.81	57	PYRIDINE
32468.181	54	METHANAMINE	32533.790	64	TETRAHYDROFURAN
32468.418	62	2-PROPEN-1-OL	32535.428	63	DICHLOROMETHANE
32469.11	60	METHANAMINE	32535.797	58	FURAN
32470.241	64	CIS 1,2-DICHLOROETHENE	32538.17	65	1-CHLOROPROPANE
32471.289	62	OXETANE	32539.263	61	2-PROPANONE
32471.755	66	ACETALDEHYDE	32539.365	61	DICHLOROMETHANE
32474.108	66	CIS 1,2-DICHLOROETHENE	32540.21	64	DICHLOROMETHANE
32474.704	53.4	PYRROLE	32541.620	66	EPOXYBUTANE
32478.729	56	PYRIDINE	32544.081	66	DICHLORODIFLUOROMETHANE
32479.780	61	2,5-DIHYDROFURAN	32544.800	66	DICHLORODIFLUOROMETHANE
32480.574	67	CIS 1,2-DICHLOROETHENE	32544.87	67	CIS 1,2-DICHLOROETHENE
32483.08	67	2-PROPANOL	32544.94	60	DICHLOROMETHANE
32483.73	62	ETHANOL	32545.44	59	DICHLOROMETHANE
32486.093	64	ACETALDEHYDE	32545.491	65	CIS 1,2-DICHLOROETHENE
32487.93	67	2(3H)-DIHYDROFURANONE	32546.11	66	CIS 1,2-DICHLOROETHENE
32489.19	65	2(3H)-DIHYDROFURANONE	32546.149	58.5	2-PROPANOL
32490.828	57	DICHLOROMETHANE	32546.295	63	ACETALDEHYDE
32491.131	56.0	THIAZOLE	32546.988	64	DICHLOROMETHANE
32492.999	64	PYRROLE	32547.680	58	PYRIDINE
32493.754	64	ETHANETHIOL	32548.38	60	PYRIDINE
32501.167	66	ETHANETHIOL	32549.495	64	1,1-DIFLUOROETHENE
32502.342	56.5	OXETANE	32550.57	66	DICHLOROMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
32550.971	62	DICHLORMETHANE	32596.875	66	1-CHLOROPROPANE
32551.626	66	DICHLORMETHANE	32598.886	64	2-PROPANOL
32552.659	52.1	PYRIDINE	32600.304	68	1,1-DICHLOROETHANE
32555.77	66	1-CHLOROPROPANE	32601.499	66	2-PROPANOL
32556.78	67	1-CHLOROPROPANE	32604.090	68	CIS 1,2-DICHLOROETHENE
32557.36	67	1-CHLOROPROPANE	32605.510	64	2(3H)-DIHYDROFURANONE
32558.30	68	1-CHLOROPROPANE	32610.02	68	1-CHLOROPROPANE
32559.03	65	1-CHLOROPROPANE	32612.925	63	2,5-DIHYDROFURAN
32561.30	66	1-CHLOROPROPANE	32613.002	59	FURAN
32563.51	64	1-CHLOROPROPANE	32614.109	65	DICHLORODIFLUOROMETHANE
32565.804	67	OXETANE	32614.999	64	PYRROLE
32570.90	60	ETHANOL	32616.080	62	CHLOROBENZENE
32571.772	63	ETHANETHIOL	32616.190	68	1,2-DICHLOROETHANE
32571.840	54.7	OXETANE	32616.36	64	2-PROPANOL
32572.41	68	1-CHLOROPROPANE	32619.077	63	CIS 1,2-DICHLOROETHENE
32573.423	61	PYRIDINE	32620.934	62	2-PROPANONE
32573.886	64	DICHLORMETHANE	32621.292	68	CIS 1,2-DICHLOROETHENE
32574.73	63	DICHLORMETHANE	32624.460	66	CHLOROBENZENE
32574.901	63	DICHLORMETHANE	32626.976	65	2-PROPANOL
32575.53	68	METHANOL	32630.53	68	CHLORODIFLUOROMETHANE
32575.727	64	DICHLORMETHANE	32630.743	67	2-OXO-PROPANAL
32576.63	66	1-CHLOROPROPANE	32631.282	59.6	DICHLORMETHANE
32576.854	65	DICHLORMETHANE	32632.50	65	CHLORODIFLUOROMETHANE
32577.320	60	PYRIDINE	32633.820	57.2	METHANAMINE
32577.59	67	1-CHLOROPROPANE	32636.088	56.8	FURAN
32577.911	67	DICHLORODIFLUOROMETHANE	32637.54	67	CHLORODIFLUOROMETHANE
32578.796	64	NITROMETHANE	32639.511	63	2,5-DIHYDROFURAN
32579.061	64	TETRAHYDROFURAN	32641.435	54.8	FURAN
32580.535	64	2-PROPEN-1-OL	32647.822	55	FURAN
32581.79	68	CHLORODIFLUOROMETHANE	32650.034	66	OXYBISMETHANE
32584.674	66	CIS 1,2-DICHLOROETHENE	32651.92	65	ETHANAMINE
32586.131	59.7	2,5-DIHYDROFURAN	32652.835	63	2,5-DIHYDROFURAN
32586.630	62	NITROMETHANE	32655.688	57	FURAN
32588.431	66	EPOXYBUTANE	32660.01	64	NITROMETHANE
32589.440	66	2-PROPANOL	32662.39	68	CIS 1,2-DICHLOROETHENE
32592.073	64	2-PROPANOL	32662.477	57	FURAN
32592.44	66	1-CHLOROPROPANE	32663.318	65	CIS 1,2-DICHLOROETHENE
32593.00	59	PYRIDINE	32664.329	58.4	2-PROPANOL
32593.781	67	DICHLORMETHANE	32673.037	56	FURAN
32594.718	66	1-CHLOROPROPANE	32674.108	58	DICHLORMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
32677.376	57	OXETANE	32742.823	55.3	ETHANOL
32682.677	67	EPOXYBUTANE	32745.003	63	METHYLOXIRANE
32687.540	56.3	FURAN	32747.510	62	2(3H)-DIHYDROFURANONE
32689.766	59	FURAN	32748.484	65	2-PROPANOL
32690.41	65	NITROMETHANE	32749.855	64	2-PROPANOL
32692.836	60	FURAN	32750.415	63	EPOXYBUTANE
32693.244	64	2-PROPENE-1-THIOL	32750.587	51.8	ISOXAZOLE
32693.937	65	3-BUTENENITRILE	32750.728	68	METHYLOXIRANE
32697.033	58.7	FURAN	32752.86	64	TETRAHYDROFURAN
32703.38	56	FURAN	32753.028	64	2-PROPANOL
32703.69	56	FURAN	32753.27	63	TETRAHYDROFURAN
32708.44	61	METHANAMINE	32754.406	65	2-PROPANOL
32709.220	62	ACETALDEHYDE	32755.822	60	2,5-DIHYDROFURAN
32709.616	67	EPOXYBUTANE	32758.285	58.7	2-PROPANOL
32710.504	59	FURAN	32759.284	62	2-PROPENE-1-CL
32711.749	50.9	ISOXAZOLE	32762.700	64	TETRAHYDROFURAN
32712.180	62	ETHANOL	32762.710	67	DICHLOROMETHANE
32712.665	61	2,5-DIHYDROFURAN	32763.518	67	METHYL SULFIDE
32713.492	67	2-CHLOROPROPANE	32764.434	62	DICHLOROMETHANE
32713.844	62	ETHANOL	32764.85	67	CHLORODIFLUOROMETHANE
32714.126	61	FURAN	32765.196	66	DICHLOROMETHANE
32715.22	65	2-PROPANONE	32765.782	66	2-METHYLFURAN
32715.490	66	2,5-DIHYDROFURAN	32766.961	51	1,1-DIFLUOROETHENE
32715.567	67	2-CHLOROPROPANE	32767.86	67	CHLORODIFLUOROMETHANE
32716.060	63	PYRROLE	32768.038	57	DICHLOROMETHANE
32716.915	64	2-PROPANOL	32768.41	61	DICHLOROMETHANE
32720.067	67	FURAN	32768.464	52.8	ISOXAZOLE
32720.976	61	FURAN	32768.96	67	ACETALDEHYDE
32720.986	64	TETRAHYDROFURAN	32769.0	66	ETHANOL
32723.539	62	CIS 1,2-DICHLOROETHENE	32769.302	54	FURAN
32724.307	66	FORMIC ACID, METHYL ESTER	32770.358	65	METHYL SULFIDE
32725.110	70	ACETALDEHYDE	32771.658	64	DICHLOROMETHANE
32728.013	65	2,5-DIHYDROFURAN	32773.3	65	ETHANOL
32728.229	61	OXETANE	32774.388	67	CIS 1,2-DICHLOROETHENE
32729.735	68	ACETALDEHYDE	32775.671	65	CIS 1,2-DICHLOROETHENE
32736.64	61	OXETANE	32776.14	65	ETHANAMINE
32737.741	53.8	OXETANE	32777.063	67	METHYL SULFIDE
32738.190	58.4	2,5-DIHYDROFURAN	32777.103	59	METHYLOXIRANE
32739.857	67	FURAN	32777.972	56	2,5-DIHYDROFURAN
32739.970	56	OXETANE	32782.895	59	METHYLOXIRANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
32787.446	54	PYRIDINE	32844.359	62	METHANETHIOL
32789.188	63	METHYLOXIRANE	32845.00	65	3-BUTENENITRILE
32789.403	65	2-PROPENAL	32845.179	69	ACETALDEHYDE
32791.553	52.0	ISOXAZOLE	32846.443	63	METHYLOXIRANE
32791.94	65	CHLOROETHENE	32848.207	63	METHYLOXIRANE
32793.228	66	OXETANE	32848.272	64	OXYBISMETHANE
32794.857	67	CIS 1,2-DICHLOROETHENE	32849.29	62	2-PROPANOL
32797.322	61	2-FURANCARBOXALDEHYDE	32849.821	64	TETRAHYDROFURAN
32800.850	64	TETRAHYDROFURAN	32850.03	62	2-PROPANOL
32801.065	66	NITROMETHANE	32852.199	68	ACETALDEHYDE
32802.707	64	ETHANETHIOL	32853.055	63	CHLOROBENZENE
32803.963	57	PYRROLE	32856.101	64	2-PROPANONE
32810.598	65	2-FURANCARBOXALDEHYDE	32858.240	60.4	NITROMETHANE
32810.82	67	ACETALDEHYDE	32864.2	63	ETHANOL
32811.207	67	CIS 1,2-DICHLOROETHENE	32864.643	62	TETRAHYDROFURAN
32814.031	66	2-FURANCARBOXALDEHYDE	32864.709	68	PROPANAL
32814.254	57.6	2(3H)-DIHYDROFURANONE	32867.473	64	2,5-DIHYDROFURAN
32816.730	64	2-FURANCARBOXALDEHYDE	32867.844	68	ACETALDEHYDE
32819.29	62	DICHLOROMETHANE	32871.38	63	ETHANOL
32819.587	60	DICHLOROMETHANE	32872.207	64	TETRAHYDROFURAN
32820.753	65	METHANETHIOL	32872.887	59.1	OXYBISMETHANE
32821.153	61	2,5-DIHYDROFURAN	32873.168	59.4	2-PROPANONE
32822.544	60	2-PROPANOL	32874.205	62	METHANETHIOL
32824.545	66	CIS 1,2-DICHLOROETHENE	32874.373	54	ISOXAZOLE
32825.126	51.3	ISOXAZOLE	32880.07	60	METHANETHIOL
32826.955	59.4	NITROMETHANE	32880.206	62	PYRROLE
32827.403	61	2(3H)-DIHYDROFURANONE	32880.643	66	1,1-DIFLUOROETHENE
32827.938	63	METHANETHIOL	32883.560	51.6	METHYLOXIRANE
32828.033	64	3-BUTENENITRILE	32886.324	62	CHLOROETHENE
32828.86	64	2-PROPANOL	32887.192	64	2,5-DIHYDROFURAN
32829.55	63	2-PROPANOL	32887.363	66	OXYBISMETHANE
32830.714	67	2,5-DIHYDROFURAN	32889.177	60	CHLOROETHENE
32831.04	63	2-PROPANOL	32891.287	66	2-PROPEN-1-OL
32831.74	64	2-PROPANOL	32893.768	66	2-PROPEN-1-OL
32832.99	66	2(3H)-DIHYDROFURANONE	32897.827	64	PROPANAL
32834.53	66	2(3H)-DIHYDROFURANONE	32898.386	66	OXYBISMETHANE
32835.641	51.6	PYRROLE	32899.691	68	2-OXO-PROPANAL
32837.335	61	2-PROPANONE	32899.770	65	DICHLORODIFLUOROMETHANE
32839.881	64	PYRROLE	32899.889	64	2-PROPANONE
32842.008	65	1,1-DIFLUOROETHENE	32900.601	67	ACETALDEHYDE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
32901.83	66	2(3H)-DIHYDROFURANCNE	32970.23	68	METHYL SULFIDE
32910.184	54.7	ISOXAZOLE	32970.412	58.7	FLUOROBENZENE
32910.546	56.1	FURAN	32973.397	60.3	OXYBISMETHANE
32912.386	67	CIS 1,2-DICHLOROETHENE	32974.720	64	TETRAHYDROTHIOPHENE
32916.550	57.3	METHANAMINE	32975.413	67	1,1-DICHLOROETHANE
32918.193	65	METHYL SULFIDE	32977.283	56	OXYBISMETHANE
32921.081	68	2-CHLOROPROPANE	32977.356	65	1,1-DICHLORCETHANE
32921.53	66	2-PROPANONE	32978.227	53.8	OXYBISMETHANE
32922.320	61	METHANETHIOL	32979.04	67	FLUOROBENZENE
32922.792	63	TETRAHYDROFURAN	32979.177	56	OXYBISMETHANE
32923.01	66	2(3H)-DIHYDROFURANCNE	32979.647	66	DICHLORODIFLUOROMETHANE
32924.529	67	OXYBISMETHANE	32980.02	63	2(3H)-DIHYDROFURANCNE
32930.734	61	METHYL SULFIDE	32982.045	65	TETRAHYDROFURAN
32932.109	66	1-CHLOROPROPANE	32983.12	64	NITROMETHANE
32934.637	67	2-CXO-PROPANAL	32984.127	61	2-PROPYN-1-OL
32935.203	64	ETHANETHIOL	32985.875	64	TETRAHYDROFURAN
32935.601	64	TETRAHYDROFURAN	32986.68	65	ETHYLENE GLYCOL CYCLIC SULFITE
32935.752	67	2(3H)-DIHYDROFURANCNE	32986.983	67	FLUOROBENZENE
32936.333	67	TETRAHYDROFURAN	32987.131	68	1,2-DICHLOROETHANE
32936.66	67	TETRAHYDROFURAN	32987.86	63	2-PROPENE-1-THIOL
32941.278	58	FURAN	32987.903	65	CIS 1,2-DICHLOROETHENE
32943.42	66	METHYL SULFIDE	32988.44	67	CIS 1,2-DICHLOROETHENE
32948.587	65	1,1-DICHLORCETHANE	32991.66	64	TETRAHYDROFURAN
32952.057	66	DICHLOROMETHANE	32994.119	61	METHANETHIOL
32956.03	64	2,5-DIHYDROFURAN	32994.132	64	ETHYLENE GLYCOL CYCLIC SULFITE
32956.42	64	2,5-DIHYDROFURAN	32994.138	65	OXYBISMETHANE
32959.59	57	PYRIDINE	32994.95	66	METHYLOXIRANE
32959.848	58.5	NITROMETHANE	32995.422	55	2,5-DIHYDROFURAN
32960.313	60	2(3H)-DIHYDROFURANCNE	32996.139	65	ACETALDEHYDE
32960.434	64	DICHLOROMETHANE	32996.957	66	1,1-DIFLUOROETHENE
32962.217	57	2,5-DIHYDROFURAN	32998.89	69	METHANOL
32963.197	52.2	PYRROLE	32999.110	58	OXYBISMETHANE
32965.62	68	2(3H)-DIHYDROFURANCNE	33000.100	66	2-PROPEN-1-CL
32966.21	64	2-PROPENE-1-THIOL	33015.41	66	1,1-DICHLORCETHANE
32966.51	67	1,1-DICHLORCETHANE	33016.404	62	CHLORODIFLUOROMETHANE
32967.274	62	2,5-DIHYDROFURAN	33016.50	67	2-CHLOROPROPANE
32967.42	65	1,1-DICHLOROETHANE	33017.09	65	1,1-DICHLORCETHANE
32968.32	67	1,1-DICHLOROETHANE	33017.516	65	2-CHLOROPROPANE
32968.649	68	METHYL SULFIDE	33017.838	62	CHLORODIFLUOROMETHANE
32969.61	68	METHYL SULFIDE	33018.43	65	2-CHLOROPROPANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
33018.57	64	METHYLOXIRANE	33095.66	60	METHANETHIOL
33018.66	64	1,1-DICHLORCETHANE	33096.065	64	2-PROPANOL
33019.51	67	TRICHLOROMETHANE	33096.681	59	METHANETHIOL
33020.07	68	TRICHLOROMETHANE	33097.5	69	ETHANOL
33020.38	66	1,1-DICHLORCETHANE	33101.432	62	1,1-DIFLUOROETHENE
33020.67	68	TRICHLORMETHANE	33101.517	65	CIS 1,2-DICHLOROETHENE
33022.50	62	1,1-DICHLORCETHANE	33105.436	56.0	ISOXAZOLE
33023.835	62	OXYBISMETHANE	33108.209	66	DICHLORODIFLUOROMETHANE
33025.720	66	FURAN	33108.40	67	CIS 1,2-DICHLOROETHENE
33025.769	64	OXYBISMETHANE	33112.446	63	TETRAHYDRCFURAN
33029.324	64	2,5-DIHYDROFURAN	33117.471	57.3	2(3H)-DIHYDROFURANONE
33030.035	67	2-PROPEN-1-CL	33119.348	66	2,5-DIHYDROFURAN
33036.425	64	2-PROPEN-1-OL	33119.524	55	ISOXAZOLE
33037.44	62	TETRAHYDROFURAN	33119.832	65	2-PROPEN-1-OL
33044.47	65	2-PROPANONE	33120.960	58.8	METHYLOXIRANE
33045.733	63	2,5-DIHYDROFURAN	33122.375	63	2-PROPEN-1-OL
33046.901	59.3	OXETANE	33122.5	64	ETHANOL
33047.582	63	2-PROPANOL	33122.752	63	TETRAHYDROFURAN
33048.33	63	2(3H)-DIHYDROFURANONE	33123.864	66	2-PROPEN-1-OL
33051.425	63	2,5-DIHYDROFURAN	33124.359	65	METHYLOXIRANE
33051.77	64	PYRIDINE	33124.642	53	ISOXAZOLE
33053.46	68	CHLORODIFLUORMETHANE	33125.59	66	2-PROPENITRILE
33054.79	68	1,2-DICHLOROETHANE	33125.650	63	METHYL SULFIDE
33055.482	61	EPOXYBUTANE	33126.915	61	2(3H)-DIHYDROFURANONE
33057.970	66	1,2-DICHLOROETHANE	33127.949	62	2,5-DIHYDROFURAN
33058.180	65	2-PROPANOL	33128.88	66	2(3H)-DIHYDROFURANONE
33058.65	65	2,5-DIHYDROFURAN	33129.137	55.3	OXETANE
33061.084	68	CHLOROBENZENE	33129.504	61	2,5-DIHYDROFURAN
33061.125	69	1,2-DICHLOROETHANE	33130.46	63	2,5-DIHYDROFURAN
33062.82	68	CHLOROBENZENE	33131.604	58	ETHANAMINE
33063.03	63	ETHANOL	33132.308	53.8	FURAN
33063.076	60	THIETANE	33135.540	60.3	ETHANOL
33067.412	64	ETHANAMINE	33136.116	57.6	METHANAMINE
33071.527	62	2-PROPEN-1-CL	33136.861	59	2,5-DIHYDROFURAN
33073.759	63	2,5-DIHYDROFURAN	33138.915	63	2,5-DIHYDROFURAN
33077.883	59.3	METHANETHIOL	33139.378	61	METHYL SULFIDE
33084.492	67	FORMIC ACID, METHYL ESTER	33140.60	61	METHYLOXIRANE
33085.979	64	2,5-DIHYDROFURAN	33140.826	60.0	2,5-DIHYDROFURAN
33088.906	59	METHANOL	33141.03	61	METHYLOXIRANE
33095.6	70	ETHANOL	33142.184	68	FORMIC ACID, METHYL ESTER

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
33143.620	67	ACETALDEHYDE	33210.767	62.5	TETRAHYDROFURAN
33144.903	67	2-PROPENAL	33211.16	64	1,1,1-TRICHLOROETHANE
33145.883	65	DICHLOROMETHANE	33211.204	56	METHYL SULFIDE
33146.408	66	DICHLORODIFLUOROMETHANE	33211.72	58	METHYL SULFIDE
33146.814	66	OXYBISMETHANE	33212.805	60.1	SULFUR DIOXIDE
33147.368	65	FLUOROBENZENE	33213.166	64	2-PROPANOL
33149.270	59.9	2,5-DIHYDROFURAN	33213.70	66	2,5-DIHYDROFURAN
33152.026	55.7	METHANAMINE	33214.0	68	ETHANOL
33152.936	64	METHYL SULFIDE	33214.429	64	2-FURANCARBOXALDEHYDE
33154.828	51.5	ISOXAZOLE	33214.532	64	TETRAHYDROFURAN
33156.09	64	TETRAHYDROFURAN	33215.32	65	2-PROPEN-1-OL
33156.298	71	FORMAMIDE	33215.95	65	2-PROPEN-1-CL
33156.857	47.1	AMMONIA	33217.730	63	TETRAHYDROFURAN
33158.758	63	2,5-DIHYDROFURAN	33218.604	66	THIETANE
33160.92	70	PROPYNE	33219.62	67	EPOXYBUTANE
33161.140	58.7	OXETANE	33221.121	62	PYRIDINE
33163.779	66	2,5-DIHYDROFURAN	33221.448	66	2,5-DIHYDROFURAN
33169.099	66	1,1-DIFLUOROETHENE	33226.209	62	CIS 1,2-DICHLOROETHENE
33170.514	56	2,5-DIHYDROFURAN	33226.539	61	2-FURANCARBOXALDEHYDE
33171.53	68	CHLORODIFLUOROMETHANE	33228.545	63	ETHANAMINE
33173.905	58.7	FLUOROBENZENE	33232.93	63	TETRAHYDROFURAN
33175.38	65	TETRAHYDROFURAN	33233.53	60	METHANETHIOL
33177.474	67	2,5-DIHYDROFURAN	33235.144	67	THIETANE
33181.500	65	2-PROPYN-1-CL	33235.518	62	DICHLOROMETHANE
33184.48	69	1-PROPANOL	33236.454	57	2,5-DIHYDROFURAN
33185.266	63	TETRAHYDROFURAN	33236.478	62	ACETALDEHYDE
33187.410	63	TETRAHYDROFURAN	33238.405	60	2,5-DIHYDROFURAN
33188.557	61	2,5-DIHYDROFURAN	33238.591	58	DICHLOROMETHANE
33188.781	64	2-PROPYN-1-CL	33239.778	67	1,1-DICHLOROETHANE
33190.110	68	THIETANE	33239.847	65	2-FURANCARBOXALDEHYDE
33190.902	66	FLUOROBENZENE	33241.426	66	2-FURANCARBOXALDEHYDE
33193.211	64	2,5-DIHYDROFURAN	33241.660	63	DICHLOROMETHANE
33194.073	62	1,1-DIFLUOROETHENE	33245.344	59	2-FURANCARBOXALDEHYDE
33196.294	64	2,5-DIHYDROFURAN	33245.623	58.6	2,5-DIHYDROFURAN
33197.768	61	2,5-DIHYDROFURAN	33246.42	63	ETHANOL
33200.593	65	2-PROPANONE	33247.848	64	TETRAHYDROFURAN
33201.39	66	3-BUTENENITRILE	33247.93	64	METHYLOXIRANE
33206.182	58.4	DICHLOROMETHANE	33248.76	64	METHYLOXIRANE
33208.334	61	ETHANOL	33248.992	58.6	METHYL THIIRANE
33210.68	58	METHYL SULFIDE	33249.299	66	2-PROPEN-1-OL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
33250.631	64	1-CHLOROPROPANE	33293.115	62	FURAN
33252.137	64	TETRAHYDROFURAN	33294.147	65	2-PROPANOL
33252.28	71	PROPYNE	33295.73	62	2-FURANCARBOXALDEHYDE
33252.472	64	2,5-DIHYDROFURAN	33296.843	65	2,5-DIHYDROFURAN
33252.89	69	PROPYNE	33297.085	63	THIETANE
33254.058	66	2-PROPEN-1-CL	33298.844	63	METHYLOXIRANE
33254.32	66	DICHLOROMETHANE	33300.140	66	METHYL SULFIDE
33254.90	64	DICHLOROMETHANE	33300.747	53.7	PYRROLE
33255.51	66	DICHLOROMETHANE	33301.426	64	2-PROPANOL
33257.391	58	2,5-DIHYDROFURAN	33301.610	57.8	METHANAMINE
33258.682	63	2-FURANCARBOXALDEHYDE	33303.34	64	TETRAHYDROFURAN
33259.984	51.8	ISOXAZOLE	33303.837	66	2,5-DIHYDROFURAN
33260.075	64	2-FURANCARBOXALDEHYDE	33305.65	67	2-FURANCARBOXALDEHYDE
33260.396	68	METHYL SULFIDE	33305.751	64	2,5-DIHYDROFURAN
33260.79	61	ETHANOL	33306.42	71	FORMAMIDE
33264.149	63	2-FURANCARBOXALDEHYDE	33306.87	68	2-FURANCARBOXALDEHYDE
33264.583	63	2-PROPANOL	33307.280	67	FLUOROBENZENE
33265.31	67	2-FURANCARBOXALDEHYDE	33308.663	64	2-FURANCARBOXALDEHYDE
33266.167	67	2,5-DIHYDROFURAN	33310.737	56	2,5-DIHYDROFURAN
33266.288	62	1,1-DIFLUOROETHANE	33311.172	63	OXYBISMETHANE
33268.355	59.8	1,1-DICHLOROETHANE	33313.763	64	TETRAHYDROFURAN
33270.594	47.0	FORMALDEHYDE	33314.592	58	THIAZOLE
33272.990	63	METHYLOXIRANE	33315.436	65	2-FURANCARBOXALDEHYDE
33274.060	65	THIETANE	33316.697	58	2,5-DIHYDROFURAN
33274.16	67	2-FURANCARBOXALDEHYDE	33318.097	60	2,5-DIHYDROFURAN
33274.386	65	TETRAHYDROFURAN	33320.505	57.6	2,5-DIHYDROFURAN
33274.614	67	CIS 1,2-DICHLOROETHENE	33320.880	62	TETRAHYDROFURAN
33275.000	57	2,5-DIHYDROFURAN	33320.915	62	THIETANE
33276.568	60	2,5-DIHYDROFURAN	33321.44	65	OXYBISMETHANE
33276.969	58	2-FURANCARBOXALDEHYDE	33324.328	62	OXYBISMETHANE
33278.34	65	3-BUTENENITRILE	33324.598	65	2,5-DIHYDROFURAN
33278.948	67	EPOXYBUTANE	33325.435	64	TETRAHYDROFURAN
33283.934	65	2-FURANCARBOXALDEHYDE	33325.943	64	1,1-DICHLOROETHANE
33285.684	64	CHLOROBENZENE	33327.31	67	2-FURANCARBOXALDEHYDE
33289.073	63	TETRAHYDROFURAN	33327.82	61	TETRAHYDROFURAN
33289.243	63	2,5-DIHYDROFURAN	33328.45	63	TETRAHYDROFURAN
33290.062	66	2-PROPEN-1-CL	33330.634	63	2,5-DIHYDROFURAN
33290.41	63	2-FURANCARBOXALDEHYDE	33331.936	62	2-FURANCARBOXALDEHYDE
33291.58	64	2-FURANCARBOXALDEHYDE	33334.328	64	2,5-DIHYDROFURAN
33292.091	60	2,5-DIHYDROFURAN	33335.98	67	2-FURANCARBOXALDEHYDE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
33336.048	66	CIS 1,2-DICHLOROETHENE	33369.249	65	CIS 1,2-DICHLOROETHENE
33336.83	65	OXYBISMETHANE	33369.73	66	CIS 1,2-DICHLOROETHENE
33337.612	63	OXYBISMETHANE	33370.887	56	2,5-DIHYDROFURAN
33340.55	61	2,5-DIHYDROFURAN	33371.345	64	2-FURANCARBOXALDEHYDE
33342.70	66	CHLORODIFLUOROMETHANE	33371.937	64	PYRROLE
33343.521	62	2-FURANCARBOXALDEHYDE	33372.38	64	2,5-DIHYDROFURAN
33344.210	63	OXYBISMETHANE	33373.962	62	2,5-DIHYDROFURAN
33344.422	63	THIETANE	33374.20	64	2-PROPEN-1-CL
33344.520	64	OXETANE	33376.509	60	2,5-DIHYDROFURAN
33344.999	60.3	2,5-DIHYDROFURAN	33377.640	68	2-CHLOROPROPANE
33345.150	65	OXYBISMETHANE	33381.89	66	2-FURANCARBOXALDEHYDE
33345.49	65	2-FURANCARBOXALDEHYDE	33384.196	53	ISOXAZOLE
33346.303	65	CHLORODIFLUOROMETHANE	33384.201	67	2-CHLOROPROPANE
33346.37	66	2-FURANCARBOXALDEHYDE	33384.690	67	2-FURANCARBOXALDEHYDE
33346.850	65	PROPANAL	33385.930	56	2,5-DIHYDROFURAN
33348.28	63	2,5-DIHYDROFURAN	33387.47	64	DICHLOROMETHANE
33349.936	65	CHLOROTRIFLUOROMETHANE	33387.504	62	DICHLORODIFLUOROMETHANE
33350.533	64	2-FURANCARBOXALDEHYDE	33387.661	64	DICHLOROMETHANE
33351.025	63	CHLOROBENZENE	33388.189	63	METHANAMINE
33351.222	57.0	PYRROLE	33388.407	64	DICHLOROMETHANE
33352.515	65	ETHANETHIOL	33388.889	66	THIETANE
33352.884	66	CHLOROTRIFLUOROMETHANE	33389.24	61	NITROMETHANE
33353.323	61	2-FURANCARBOXALDEHYDE	33391.816	65	DICHLOROMETHANE
33353.341	66	CHLOROTRIFLUOROMETHANE	33392.103	64	DICHLOROMETHANE
33353.912	67	CHLOROTRIFLUOROMETHANE	33392.496	63	DICHLOROMETHANE
33354.735	65	CHLOROTRIFLUOROMETHANE	33392.678	55	2,5-DIHYDROFURAN
33355.424	64	CHLOROTRIFLUOROMETHANE	33392.759	67	OXYBISMETHANE
33356.083	63	CHLOROTRIFLUOROMETHANE	33393.22	63	DICHLOROMETHANE
33356.371	66	CHLOROTRIFLUOROMETHANE	33393.763	63	THIETANE
33357.01	64	2-FURANCARBOXALDEHYDE	33393.84	60	2,5-DIHYDROFURAN
33357.249	65	CHLOROTRIFLUOROMETHANE	33394.566	64	DICHLOROMETHANE
33358.711	64	CHLOROTRIFLUOROMETHANE	33395.324	65	1,1-DICHLOROETHANE
33360.169	61	2-PROPANONE	33396.934	66	DICHLOROMETHANE
33361.639	66	CHLOROTRIFLUOROMETHANE	33397.428	65	DICHLOROMETHANE
33362.234	65	2-FURANCARBOXALDEHYDE	33397.465	63	OXYBISMETHANE
33363.53	66	2-FURANCARBOXALDEHYDE	33397.906	65	DICHLOROMETHANE
33364.625	57	2,5-DIHYDROFURAN	33398.596	65	DICHLOROMETHANE
33366.302	54.8	2,5-DIHYDROFURAN	33399.365	51.6	ISOXAZOLE
33367.35	65	2-FURANCARBOXALDEHYDE	33399.69	64	OXYBISMETHANE
33367.96	64	2-FURANCARBOXALDEHYDE	33401.331	55.8	OXETANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
33405.010	62.2	2-PROPEN-1-CL	33465.925	54.8	2,5-DIHYDROFURAN
33405.931	67	EPOXYBUTANE	33466.63	66	1-CHLOROPROPANE
33408.288	60	ISOXAZOLE	33467.82	65	1-CHLOROPROPANE
33408.65	63	2,5-DIHYDROFURAN	33473.128	66	ACETALDEHYDE
33409.34	65	2,5-DIHYDROFURAN	33473.327	62	2,5-DIHYDROFURAN
33409.56	63	PYRIDINE	33474.30	67	2-PROPANOL
33410.145	66	PROPANAL	33476.818	61	NITROMETHANE
33414.07	64	THIETANE	33477.878	67	2-CHLOROPROPANE
33414.10	63	METHANOL	33478.967	63	2-PROPEN-1-CL
33414.173	58	2,5-DIHYDROFURAN	33479.722	67	2-CHLOROPROPANE
33414.489	65	CIS 1,2-DICHLOROETHENE	33487.343	68	2-OXO-PROPANAL
33414.66	68	THIETANE	33487.526	62	ETHANOL
33414.85	60	METHANETHIOL	33493.334	64	2,5-DIHYDROFURAN
33417.788	64	2,5-DIHYDROFURAN	33493.950	56.3	OXETANE
33418.634	63	2-PROPANOL	33496.318	62	2,5-DIHYDROFURAN
33419.914	61	METHANAMINE	33498.679	67	METHYL SULFIDE
33422.188	58.5	METHANAMINE	33502.946	62	2,5-DIHYDROFURAN
33425.904	56.0	2,5-DIHYDROFURAN	33504.90	65	CHLOROETHENE
33428.297	66	ACETALDEHYDE	33506.342	59	2,5-DIHYDROFURAN
33434.732	55.2	DICHLOROMETHANE	33506.647	59.2	METHANAMINE
33436.503	61	DICHLOROMETHANE	33506.668	67	PROPANAL
33436.56	60	2,5-DIHYDROFURAN	33508.445	62	ETHANOL
33437.531	59.1	DICHLOROMETHANE	33508.498	64	CHLOROETHENE
33438.121	55.4	2,5-DIHYDROFURAN	33509.098	56	2,5-DIHYDROFURAN
33438.560	61	DICHLOROMETHANE	33509.760	59.8	1,1-DIFLUOROETHENE
33440.187	66	DICHLORODIFLUOROMETHANE	33511.496	56	2,5-DIHYDROFURAN
33440.259	59	2,5-DIHYDROFURAN	33515.621	66	2-FURANCARBOXALDEHYDE
33442.74	64	CIS 1,2-DICHLOROETHENE	33517.723	59.0	2,5-DIHYDROFURAN
33444.86	60	METHYLOXIRANE	33521.304	68	THIETANE
33445.21	68	CIS 1,2-DICHLOROETHENE	33523.097	59	2,5-DIHYDROFURAN
33446.09	67	CIS 1,2-DICHLOROETHENE	33527.73	66	CHLORODIFLUOROMETHANE
33446.403	64	2-PROPANONE	33528.24	68	1,1-DICHLOROETHANE
33451.220	64	2-PROPANOL	33529.67	66	CHLORODIFLUOROMETHANE
33452.13	66	2,5-DIHYDROFURAN	33529.878	66	ETHANETHIOL
33456.584	59	2,5-DIHYDROFURAN	33529.96	67	1-FLUORO-4-METHYLBENZENE
33459.142	62	2,5-DIHYDROFURAN	33532.716	56.6	2,5-DIHYDROFURAN
33459.476	55.7	FURAN	33533.585	63	THIETANE
33462.131	58	2,5-DIHYDROFURAN	33535.497	65	CHLOROETHENE
33462.686	53.6	OXETANE	33539.423	68	1-FLUORO-4-METHYLBENZENE
33465.348	65	TETRAHYDROTHIOPHENE	33539.521	64	THIETANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
33541.80	66	1-FLUORO-4-METHYLBENZENE	33584.32	68	1,1-DICHLOROETHANE
33543.37	56	CHLOROETHENE	33585.523	63	2-PROPEN-1-CL
33545.440	58	2,5-DIHYDROFURAN	33586.786	67	OXYBISMETHANE
33545.97	66	1-CHLOROPROPANE	33589.623	66	CIS 1,2-DICHLOROETHENE
33546.78	66	1-CHLOROPROPANE	33589.913	59.0	2,5-DIHYDROFURAN
33546.969	55	CHLOROETHENE	33591.285	66	2-PROPEN-1-OL
33547.619	64	2,5-DIHYDROFURAN	33594.566	56.0	2,5-DIHYDROFURAN
33547.987	63	2-PROPANOL	33595.767	65	2-PROPENAL
33548.748	64	CHLOROETHENE	33596.84	66	FLUOROBENZENE
33548.867	65	FLUOROBENZENE	33598.815	62	METHANAMINE
33549.39	67	1-FLUORO-4-METHYLBENZENE	33599.249	58	2,5-DIHYDROFURAN
33549.480	56.7	2-PROPYN-1-CL	33599.950	62	OXETANE
33549.654	63	2-PROPANOL	33601.020	66	2-PROPEN-1-OL
33552.655	54.9	2,5-DIHYDROFURAN	33601.669	65	OXYBISMETHANE
33553.20	67	1-FLUORO-4-METHYLBENZENE	33606.561	58	2,5-DIHYDROFURAN
33554.584	65	CHLOROETHENE	33606.823	58.2	2-BUTENAL
33554.745	52.6	ISOXAZOLE	33607.232	63	FLUOROBENZENE
33556.18	60	2,5-DIHYDROFURAN	33608.215	62	OXYBISMETHANE
33556.65	67	1-FLUORO-4-METHYLBENZENE	33611.244	68	1,1-DICHLOROETHANE
33560.882	68	2-CYTO-PROPANAL	33612.721	62	2-FURANCARBOXYALDEHYDE
33562.114	63	2-PROPANONE	33614.744	64	2-BUTENAL
33562.167	59	ISOXAZOLE	33614.927	66	OXYBISMETHANE
33563.115	60.2	METHANAMINE	33615.173	59	FLUOROBENZENE
33564.07	67	METHANOL	33619.90	64	METHANAMINE
33564.20	57	2,5-DIHYDROFURAN	33621.194	66	2-BUTENAL
33567.729	53	ISOXAZOLE	33621.667	65	PYRROLE
33568.26	67	METHANOL	33622.890	65	METHYL SULFIDE
33569.020	64	OXYBISMETHANE	33624.524	64	2-PROPEN-1-CL
33569.744	67	1,2-DICHLOROETHANE	33625.170	67	DICHLOROMETHANE
33570.429	65	2,5-DIHYDROFURAN	33625.334	59	2,5-DIHYDROFURAN
33571.46	66	1-FLUORO-4-METHYLBENZENE	33625.84	64	2-FURANCARBOXYALDEHYDE
33572.909	65	2,5-DIHYDROFURAN	33626.638	63	METHYL SULFIDE
33574.864	51.9	ISOXAZOLE	33627.370	65	2-BUTENAL
33576.002	66	1,1-DICHLOROETHANE	33628.759	60	2,5-DIHYDROFURAN
33577.534	66	1-FLUORO-4-METHYLBENZENE	33630.375	65	METHYL SULFIDE
33578.887	60	2,5-DIHYDROFURAN	33631.606	65	2-FURANCARBOXYALDEHYDE
33581.040	60	FLUOROBENZENE	33633.497	54	2,5-DIHYDROFURAN
33581.876	57	2,5-DIHYDROFURAN	33635.378	63	PYRIDINE
33582.04	66	2-PROPANONE	33636.298	65	2-PROPEN-1-OL
33583.546	63	2,5-DIHYDROFURAN	33637.427	55	2,5-DIHYDROFURAN

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
33638.1	66	ETHANOL	33686.051	66	CHLOROETHENE
33640.535	66	FLUOROBENZENE	33688.869	55	OXETANE
33640.562	64	2,5-DIHYDROFURAN	33689.07	68	CHLOROETHANE
33640.999	67	1,2-DICHLOROETHANE	33689.87	58	OXETANE
33641.37	67	2,5-DIHYDROFURAN	33691.663	56.2	METHANOL
33643.014	68	PROPANAL	33691.83	66	2,5-DIHYDROFURAN
33643.055	59	2,5-DIHYDROFURAN	33692.594	59.0	METHYL THIIRANE
33643.89	61	NITROMETHANE	33693.633	53.4	ISOXAZOLE
33645.974	58.7	2,5-DIHYDROFURAN	33694.8	68	ETHANOL
33647.26	60	METHANETHIOL	33696.691	52.3	ISOXAZOLE
33647.714	65	2-PROPANOL	33699.059	55	2,5-DIHYDROFURAN
33651.01	68	1,1-DICHLOROETHANE	33701.525	63	2,5-DIHYDROFURAN
33652.428	66	FURAN	33706.35	67	1-CHLOROPROPANE
33654.343	63	2,5-DIHYDROFURAN	33706.488	65	CIS 1,2-DICHLOROETHENE
33655.006	66	OXYBISMETHANE	33707.033	67	1-CHLOROPROPANE
33656.018	63	1,1-DICHLOROETHANE	33708.610	64	2,5-DIHYDROFURAN
33656.529	67	THIETANE	33709.293	65	2-PROPANOL
33658.35	59	2,5-DIHYDROFURAN	33712.1	66	ETHANOL
33658.679	63	METHANETHIOL	33712.68	68	CHLOROETHANE
33658.83	60	2,5-DIHYDROFURAN	33713.255	62	CHLOROETHENE
33661.45	68	1-PROPANOL	33713.457	64	TETRAHYDROFURAN
33665.004	64	DICHLOROMETHANE	33715.226	55	2,5-DIHYDROFURAN
33666.131	60	DICHLOROMETHANE	33716.043	57.9	CHLOROETHENE
33667.072	60.1	DICHLOROMETHANE	33716.56	65	2,5-DIHYDROFURAN
33667.404	68	CIS 1,2-DICHLOROETHENE	33716.585	63	OXETANE
33668.356	55	2,5-DIHYDROFURAN	33719.32	65	1,1-DICHLOROETHANE
33669.124	66	2-BUTENAL	33720.047	60.1	THIAZOLE
33669.629	63	DICHLOROMETHANE	33720.19	64	1,1-DICHLOROETHANE
33671.75	58	DICHLOROMETHANE	33721.13	65	1,1-DICHLOROETHANE
33673.746	61	DICHLOROMETHANE	33721.5	64	ETHANOL
33674.543	59.9	2,5-DIHYDROFURAN	33724.169	65	CIS 1,2-DICHLOROETHENE
33674.71	69	FORMAMIDE	33724.213	65	2-PROPEN-1-OL
33676.642	62	DICHLOROMETHANE	33725.211	56.4	2,5-DIHYDROFURAN
33677.226	61	DICHLOROMETHANE	33726.996	64	CHLOROETHENE
33677.70	65	DICHLOROMETHANE	33729.41	68	1-CHLOROPROPANE
33678.507	61	DICHLOROMETHANE	33729.587	65	CHLORODIFLUOROMETHANE
33678.740	61	2,5-DIHYDROFURAN	33731.76	65	CHLORODIFLUOROMETHANE
33681.068	53.2	2,5-DIHYDROFURAN	33735.053	66	CHLOROETHENE
33682.140	64	2-BUTENAL	33737.340	64	2-PROPANOL
33683.595	64	2-BUTENAL	33738.278	63	CHLOROETHENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
33740.29	63	CIS 1,2-DICHLOROETHENE	33809.72	50	ISOXAZOLE
33741.723	57	2,5-DIHYDROFURAN	33810.179	59	2,5-DIHYDROFURAN
33744.517	64	METHYL SULFIDE	33810.834	66	1,1-DICHLOROETHANE
33745.529	64	CHLOROETHENE	33814.70	65	EPOXYBUTANE
33746.954	55.5	2,5-DIHYDROFURAN	33819.744	66	2,5-DIHYDROFURAN
33747.477	65	3-BUTENENITRILE	33819.834	67	2-CHLOROPROPANE
33752.799	60.4	OXETANE	33820.58	52	ISOXAZOLE
33753.599	66	CHLOROETHENE	33820.795	59	ETHANAMINE
33754.768	67	CIS 1,2-DICHLOROETHENE	33821.14	61	ETHANAMINE
33756.806	63	CHLOROETHENE	33821.55	52	ISOXAZOLE
33758.596	67	FORMIC ACID, METHYL ESTER	33822.44	67	CHLOROBENZENE
33759.902	62	2-PROPEN-1-CL	33822.699	61	THIETANE
33760.1	68	ETHANOL	33823.45	67	CHLOROBENZENE
33760.233	63	ACETALDEHYDE	33823.556	67	2,5-DIHYDROFURAN
33762.080	56	2,5-DIHYDROFURAN	33824.185	65	ACETALDEHYDE
33762.861	62	DICHLORODIFLUOROMETHANE	33824.73	52	ISOXAZOLE
33764.710	56.8	2,5-DIHYDROFURAN	33825.421	63	CHLORODIFLUOROMETHANE
33774.847	66	CIS 1,2-DICHLOROETHENE	33825.64	50	ISOXAZOLE
33775.38	63	CHLOROBENZENE	33827.360	67	ACETALDEHYDE
33777.22	54	ISOXAZOLE	33827.591	63	CHLORODIFLUOROMETHANE
33777.537	58	2,5-DIHYDROFURAN	33828.04	62	ETHANOL
33778.34	53	ISOXAZOLE	33828.70	66	CHLOROBENZENE
33778.747	56.1	2,5-DIHYDROFURAN	33828.985	63	METHANETHIOL
33782.431	62	2,5-DIHYDROFURAN	33830.879	52	ISOXAZOLE
33786.945	66	FURAN	33836.54	63	ETHANOL
33787.10	67	CIS 1,2-DICHLOROETHENE	33837.187	61	2,5-DIHYDROFURAN
33787.47	67	CIS 1,2-DICHLOROETHENE	33839.255	66	PROPANAL
33788.74	67	2-PROPANOL	33840.279	63	2-PROPEN-1-CL
33789.08	56	2,5-DIHYDROFURAN	33840.355	66	PROPANAL
33789.49	57	2,5-DIHYDROFURAN	33841.072	63	TETRAHYDROTHIOPHENE
33790.502	49.0	ISOXAZOLE	33841.64	53	ISOXAZOLE
33790.927	68	METHYL SULFIDE	33841.812	55.6	THIAZOLE
33790.948	66	CHLOROBENZENE	33842.660	67	CHLOROBENZENE
33797.575	55.2	2,5-DIHYDROFURAN	33842.72	53	ISOXAZOLE
33801.359	67	OXETANE	33843.443	68	CHLOROBENZENE
33803.104	52.7	ISOXAZOLE	33847.83	55	PYRIDINE
33803.452	56	2,5-DIHYDROFURAN	33848.739	65	TETRAHYDROFURAN
33805.862	53	ISOXAZOLE	33855.137	68	1,1-DICHLOROETHANE
33807.521	57.5	2,5-DIHYDROFURAN	33855.780	67	CIS 1,2-DICHLOROETHENE
33809.546	65	2-PROPANOL	33856.44	68	PROPANAL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
33857.373	51	ISOXAZOLE	33909.606	65	NITROMETHANE
33858.51	65	CHLOROBENZENE	33909.674	67	DICHLOROMETHANE
33858.769	64	METHANETHIOL	33915.081	67	1,1-DICHLOROCETHANE
33859.06	64	CHLOROBENZENE	33916.817	64	1,1-DICHLOROCETHANE
33859.112	69	THIETANE	33918.466	65	OXETANE
33860.788	59.6	OXETANE	33918.57	67	1,1-DICHLOROETHANE
33860.87	50	ISOXAZOLE	33918.76	67	CHLOROBENZENE
33862.114	63	METHANAMINE	33919.280	67	CHLOROBENZENE
33862.50	65	CHLOROBENZENE	33919.703	67	CHLOROBENZENE
33863.04	65	CHLOROBENZENE	33920.135	59.2	2,5-DIHYDROFURAN
33863.461	52	ISOXAZOLE	33920.695	53.9	FURAN
33864.58	64	PROPANAL	33922.27	66	FURAN
33866.32	53	ISOXAZOLE	33922.77	67	DICHLORODIFLUCROMETHANE
33866.595	61	FURAN	33922.78	66	CHLOROBENZENE
33867.785	58.4	OXETANE	33923.171	67	CHLOROBENZENE
33867.887	51	ISOXAZOLE	33923.332	65	DICHLOROMETHANE
33875.269	52.2	ISOXAZOLE	33923.48	66	DICHLORODIFLUCROMETHANE
33880.136	61	THIOPHENE	33924.69	64	DICHLOROMETHANE
33882.482	53.0	ISOXAZOLE	33925.802	65	DICHLOROMETHANE
33884.106	64	2-PROPYN-1-OL	33926.66	64	CHLOROBENZENE
33886.402	53	ISOXAZOLE	33927.15	65	CHLOROBENZENE
33887.997	52	PYRROLE	33929.477	65	NITROMETHANE
33888.37	67	2-PROPANONE	33929.521	68	1,1-DICHLOROETHANE
33889.14	65	CHLOROBENZENE	33930.973	66	2-PROPANOL
33891.94	66	CHLOROBENZENE	33932.378	67	OXYBISMETHANE
33892.82	55	ISOXAZOLE	33936.026	63	CHLOROBENZENE
33893.76	55	ISOXAZOLE	33938.285	63	CHLOROBENZENE
33894.95	58	OXYBISMETHANE	33938.79	60	METHANETHIOL
33895.43	59	2,5-DIHYDROFURAN	33940.910	57.4	2-PROPYN-1-CL
33896.05	57	2,5-DIHYDROFURAN	33942.521	63	2-PROPANONE
33897.312	66	DICHLOROMETHANE	33942.981	64	2,5-DIHYDROFURAN
33898.252	66	DICHLOROMETHANE	33943.127	62	OXYBISMETHANE
33903.024	64	DICHLOROMETHANE	33943.45	51	ISOXAZOLE
33904.167	63	FORMIC ACID, METHYL ESTER	33943.93	63	OXYBISMETHANE
33904.367	67	1,2-DICHLOROETHANE	33946.930	60.0	DICHLOROMETHANE
33904.76	66	EPOXYBUTANE	33947.76	62	ETHANOL
33904.911	67	DICHLOROMETHANE	33948.39	62	ETHANOL
33906.966	63	DIMETHYL DISULFIDE	33953.87	67	PROPANAL
33907.748	66	DICHLORODIFLUOROMETHANE	33955.03	68	CHLOROBENZENE
33907.876	63	2-PROPEN-1-CL	33956.237	61	2-PROPYN-1-CL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
33958.448	52.6	ISOXAZOLE	34018.69	62	TETRAHYDROTHIOPHENE
33958.69	65	PYRROLE	34019.962	67	CHLOROBENZENE
33959.024	63	2,5-DIHYDROFURAN	34021.164	66	2-PROPANOL
33961.816	64	TETRAHYDROFURAN	34021.556	67	CHLOROBENZENE
33961.84	69	METHYL SULFIDE	34021.787	50.0	1,1-DIFLUOROETHENE
33962.086	63	CHLORODIFLUOROMETHANE	34022.031	69	THIETANE
33962.761	66	2,5-DIHYDROFURAN	34022.553	64	DICHLOROMETHANE
33963.116	64	CHLORODIFLUOROMETHANE	34022.906	62	PYRROLE
33967.63	56	PYRIDINE	34023.82	64	DICHLOROMETHANE
33969.651	66	METHYL SULFIDE	34024.13	63	DICHLOROMETHANE
33975.456	67	CIS 1,2-DICHLOROETHENE	34025.35	65	METHYLOXIRANE
33977.456	67	THIETANE	34025.385	64	DICHLOROMETHANE
33981.007	64	2-PROPANOL	34026.25	66	METHYLOXIRANE
33984.901	62	1,1-DICHLOROCETHANE	34027.891	58.0	2-BUTENAL
33985.014	62	PYRROLE	34029.152	65	ACETALDEHYDE
33987.67	65	FORMAMIDE	34030.021	65	2-PROPANONE
33988.553	63	FORMAMIDE	34031.92	63	ETHANOL
33988.932	61	NITROMETHANE	34032.74	65	2-BUTENAL
33988.947	67	1,1-DIFLUOROCETHENE	34034.40	63	2-BUTENAL
33989.065	64	METHANAMINE	34035.88	64	2-BUTENAL
33991.08	70	FORMAMIDE	34037.91	64	2-BUTENAL
33992.85	67	CHLORODIFLUOROMETHANE	34038.83	63	2-BUTENAL
33994.16	65	CIS 1,2-DICHLOROETHENE	34039.2	65	ETHANOL
33994.37	67	CHLORODIFLUOROMETHANE	34040.485	65	NITROMETHANE
33996.67	66	2-FURANCARBOXYALDEHYDE	34043.496	53.9	FURAN
33997.417	63	DICHLOROMETHANE	34045.671	64	2-BUTENAL
34002.69	57	NITROMETHANE	34046.8	64	ETHANOL
34003.457	56.1	METHANOL	34049.44	61	2-BUTENAL
34003.569	66	CIS 1,2-DICHLOROETHENE	34050.80	66	2-PROPANONE
34004.23	67	1,1-DICHLOROETHANE	34053.14	64	2-FURANCARBOXYALDEHYDE
34006.21	67	CHLORODIFLUOROMETHANE	34053.86	66	2-FURANCARBOXYALDEHYDE
34010.360	66	CIS 1,2-DICHLOROETHENE	34055.53	53	2-BUTENAL
34012.37	67	CHLOROBENZENE	34056.79	55	2-BUTENAL
34012.830	65	OXETANE	34058.936	67	2-FURANCARBOXYALDEHYDE
34013.31	60	1,1-DICHLOROCETHANE	34059.018	61	METHYLOXIRANE
34013.944	67	CHLOROBENZENE	34059.94	64	2-BUTENAL
34014.04	63	1,1-DICHLOROCETHANE	34060.148	66	CHLORODIFLUOROMETHANE
34014.460	62	2-PROPEN-1-OL	34061.24	63	2-BUTENAL
34014.852	66	DIMETHYL DISULFIDE	34061.71	63	2-BUTENAL
34017.652	65	2-FURANCARBOXYALDEHYDE	34063.70	59	2-BUTENAL

TABLE II.- Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
34064.93	60	2-BUTENAL	34103.482	64	CHLOROBENZENE
34064.969	68	FORMAMIDE	34104.490	64	CHLOROBENZENE
34067.38	56	2-BUTENAL	34105.082	66	ACETALDEHYDE
34070.55	63	2-BUTENAL	34105.10	63	2-BUTENAL
34070.818	67	FLUOROBENZENE	34106.38	67	2-BUTENAL
34073.15	58	2-BUTENAL	34108.348	65	FORMIC ACID, METHYL ESTER
34074.44	57	2-BUTENAL	34109.918	65	2-PROPEN-1-OL
34075.205	66	THIETANE	34112.840	54.1	PYRROLE
34075.643	58.9	CHLORODIFLUOROMETHANE	34113.70	63	2-BUTENAL
34076.957	58.9	CHLORODIFLUOROMETHANE	34114.011	67	2-FURANCARBOXALDEHYDE
34078.19	62	2-BUTENAL	34114.789	62	2-PROPYN-1-OL
34078.467	50.3	ISOXAZOLE	34116.114	52.7	ISOXAZOLE
34079.52	63	2-BUTENAL	34116.65	61	2-BUTENAL
34080.47	61	2-BUTENAL	34118.59	67	1-CHLOROPROPANE
34081.41	68	1,1-DICHLOROETHANE	34119.52	67	1-CHLOROPROPANE
34082.36	61	2-BUTENAL	34119.92	63	2-BUTENAL
34083.44	67	1,1-DICHLOROETHANE	34120.16	66	METHYLOXIRANE
34083.786	68	CIS 1,2-DICHLOROETHENE	34120.83	66	METHYLOXIRANE
34084.02	62	2-BUTENAL	34120.864	68	1,2-DICHLOROETHANE
34084.87	62	2-BUTENAL	34122.973	56	2-BUTENAL
34085.55	62	2-BUTENAL	34124.16	58	2-BUTENAL
34085.625	67	FLUOROETHENE	34126.61	62	2-BUTENAL
34088.50	66	2-BUTENAL	34128.327	63	2-BUTENAL
34089.383	67	2-FURANCARBOXALDEHYDE	34128.744	66	2-FURANCARBOXALDEHYDE
34089.62	63	2-BUTENAL	34130.54	63	2-BUTENAL
34090.69	63	2-BUTENAL	34130.740	65	2-FURANCARBOXALDEHYDE
34091.76	64	2-BUTENAL	34133.19	62	2-BUTENAL
34092.54	64	2-BUTENAL	34133.339	63	2-PROPEN-1-OL
34092.97	64	2-PROPANONE	34133.74	61	2-BUTENAL
34093.40	65	2-BUTENAL	34134.93	64	2-BUTENAL
34094.045	67	1,1-DIFLUOROETHENE	34136.360	66	2-PROPANOL
34095.265	61	2-BUTENAL	34136.592	62.2	2-PROPEN-1-CL
34096.59	63	2-BUTENAL	34139.097	67	1,1-DICHLOROETHANE
34097.74	65	2-BUTENAL	34139.612	69	METHYL SULFIDE
34097.746	46.8	SULFUR DIOXIDE	34140.928	64	1,1-DICHLOROETHANE
34098.96	66	2-BUTENAL	34141.09	62	2-BUTENAL
34100.053	47.2	FORMALDEHYDE	34141.74	62	2-BUTENAL
34100.70	63	2-BUTENAL	34142.49	61	2-BUTENAL
34101.85	64	2-BUTENAL	34142.818	67	1,1-DICHLOROETHANE
34103.16	65	2-BUTENAL	34144.929	61	CHLORODIFLUOROMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
34145.01	64	2-BUTENAL	34190.587	67	2-PROPEN-1-CL
34145.941	64	3-BUTENENITRILE	34190.70	61	2-BUTENAL
34146.552	62	CHLORODIFLUOROMETHANE	34192.033	60	PYRIDINE
34147.722	45.2	OXIRANE	34192.13	67	2-PROPANONE
34149.693	60.5	FLUOROBENZENE	34192.217	56.2	2,5-DIHYDROFURAN
34152.33	64	2-BUTENAL	34192.564	66	PROPANAL
34152.38	67	CHLOROETHANE	34192.98	62	PYRIDINE
34153.07	65	2-BUTENAL	34193.084	58.5	METHANETHIOL
34153.10	67	CHLOROETHANE	34195.774	56	ISOXAZOLE
34154.385	64	FLUOROBENZENE	34196.260	66	PROPANAL
34156.1	67	ETHANOL	34197.437	68	FORMIC ACID, METHYL ESTER
34156.898	60	FORMIC ACID, METHYL ESTER	34199.12	64	2-BUTENAL
34156.985	50.9	OXIRANE	34200.001	62	METHYLOXIRANE
34158.073	60	FORMIC ACID, METHYL ESTER	34200.51	66	2-BUTENAL
34158.343	59.5	DICHLOROMETHANE	34201.778	65	METHYLOXIRANE
34159.25	65	2-BUTENAL	34202.016	62	2-PROPEN-1-OL
34160.15	66	FLUOROBENZENE	34202.438	60	2-FURANCARBOXALDEHYDE
34160.653	63	FORMIC ACID, METHYL ESTER	34202.86	67	2-BUTENAL
34161.533	65	CIS 1,2-DICHLOROETHENE	34202.889	59.6	PYRROLE
34161.71	63	2-BUTENAL	34203.374	63	ETHANAMINE
34163.662	56.9	OXETANE	34205.046	69	METHYL SULFIDE
34165.25	63	1,1-DICHLOROETHANE	34206.982	64	2-FURANCARBOXALDEHYDE
34166.518	66	2-PROPANONE	34207.442	63	2-PROPEN-1-OL
34168.59	71	PROPYNE	34207.97	66	METHANOL
34169.23	68	PROPYNE	34208.336	65	2-BUTENAL
34170.30	66	2-BUTENAL	34210.63	63	2-PROPEN-1-OL
34174.802	64	2,5-DIHYDROFURAN	34211.34	62	2-PROPEN-1-OL
34176.643	64	EPOXYBUTANE	34212.61	69	METHYL SULFIDE
34178.567	65	2(3H)-DIHYDROFURANONE	34212.69	62	2-PROPANONE
34181.21	65	2-PROPANONE	34219.945	66	CIS 1,2-DICHLOROETHENE
34181.639	57	THIAZOLE	34220.9	65	ETHANOL
34182.56	65	FORMAMIDE	34223.772	65	2-FURANCARBOXALDEHYDE
34182.77	51	PROPYNE	34232.336	61	OXETANE
34183.212	63	OXETANE	34235.051	66	2-PROPYN-1-CL
34183.415	49	PROPYNE	34236.946	52	METHANOL
34184.77	58	PYRIDINE	34237.847	67	OXYBISMETHANE
34186.828	64	THIETANE	34238.46	68	OXYBISMETHANE
34188.575	67	DICHLOROMETHANE	34239.093	64	2-FURANCARBOXALDEHYDE
34189.41	59	2-BUTENAL	34241.325	57.6	OXETANE
34189.579	62	2,5-DIHYDROFURAN	34242.701	65	OXYBISMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
34243.233	54.9	THIIRANE	34288.092	67	CIS 1,2-DICHLOROETHENE
34243.641	64	CIS 1,2-DICHLOROETHENE	34288.58	64	2-PROPANONE
34244.577	67	FLUOROBENZENE	34288.731	62	2,5-DIHYDROFURAN
34246.312	58.2	PROPYNE	34290.287	64	PYRIDINE
34246.453	66	THIETANE	34292.430	65	2-PROPEN-1-CL
34247.151	64	CHLOROBENZENE	34294.62	65	METHYLOXIRANE
34248.205	63	CHLOROBENZENE	34295.45	64	METHYLOXIRANE
34253.00	63	2-BUTENAL	34295.80	65	2-PROPANOL
34253.67	65	2-BUTENAL	34297.434	66	2-FURANCARBOXALDEHYDE
34254.010	63	FORMAMIDE	34297.693	65	2-PROPEN-1-CL
34254.09	65	2-BUTENAL	34298.02	59	METHANETHIOL
34256.69	67	2-CHLOROPROPANE	34299.306	66	2-PROPANOL
34257.85	64	CIS 1,2-DICHLOROETHENE	34300.73	65	2-PROPEN-1-OL
34258.19	64	1,1-DICHLOROETHANE	34301.59	64	2-PROPEN-1-OL
34258.28	64	CIS 1,2-DICHLOROETHENE	34302.501	68	PROPANAL
34258.612	65	OXYBISMETHANE	34303.096	64	2-FURANCARBOXALDEHYDE
34259.06	63	CIS 1,2-DICHLOROETHENE	34304.52	65	2-PROPANONE
34259.75	65	1,1-DICHLOROETHANE	34306.728	66	2,5-DIHYDROFURAN
34261.761	66	CIS 1,2-DICHLOROETHENE	34310.338	66	2-PROPEN-1-OL
34262.938	64	CHLOROETHANE	34311.275	61	OXETANE
34264.1	63	ETHANOL	34312.863	61	ETHANOL
34265.335	65	THIOPHENE	34313.415	58	PROPYNE
34268.106	58.2	1,1-DIFLUOROETHENE	34313.653	55.1	METHANAMINE
34271.117	57.1	OXETANE	34314.367	58	METHANAMINE
34271.97	68	CIS 1,2-DICHLOROETHENE	34316.97	68	2-PROPANONE
34272.36	69	CIS 1,2-DICHLOROETHENE	34318.927	64	TETRAHYDROTHIOPHENE
34273.453	50.5	ISOXAZOLE	34321.811	58.2	2,5-DIHYDROFURAN
34274.56	68	ACETALDEHYDE	34322.75	65	CHLOROETHANE
34275.289	57.0	FLUOROETHENE	34322.842	63	2-PROPEN-1-CL
34275.714	59.7	1,1-DIFLUOROETHENE	34323.506	63	CHLOROETHANE
34277.19	58	PROPYNE	34323.901	62	TETRAHYDROTHIOPHENE
34277.908	66	1,1-DIFLUOROETHENE	34326.674	65	CHLOROETHANE
34279.134	57.1	PROPYNE	34326.99	66	1,1-DICHLOROETHANE
34280.891	61	2-FURANCARBOXALDEHYDE	34327.504	64	CHLOROETHANE
34282.871	52.5	OXETANE	34327.66	66	OXIRANE
34283.177	65	ACETALDEHYDE	34327.901	64	DICHLOROMETHANE
34284.2	64	ETHANOL	34328.314	63	1,1-DICHLOROETHANE
34286.925	65	DICHLOROMETHANE	34329.65	65	1,1-DICHLOROETHANE
34287.071	63	2-PROPYN-1-OL	34329.734	66	2-PROPEN-1-OL
34287.567	64	2-FURANCARBOXALDEHYDE	34330.33	68	CHLORODIFLUOROMETHANE

TABLE II.- Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
34331.646	66	2-PROPEN-1-CL	34410.709	52.8	1,1-DIFLUORCETHENE
34332.004	59.3	DICHLORCMETHANE	34410.83	64	2-PROPANONE
34336.115	64	DICHLOROMETHANE	34412.192	60	2,5-DIHYDROFURAN
34338.043	62	DICHLORODIFLUORCMETHANE	34412.44	66	2-PROPANOL
34338.170	67	2,5-DIHYDROFURAN	34412.586	63	CHLOROETHENE
34340.442	58.3	ETHANOL	34415.513	67	2-CHLOROPROPANE
34348.776	66	CHLORODIFLUORCMETHANE	34415.92	67	2-CHLOROPROPANE
34349.880	68	FORMIC ACID, METHYL ESTER	34416.107	59	CHLOROETHENE
34349.971	66	CHLORODIFLUORCMETHANE	34416.28	66	1-CHLOROPROPANE
34350.259	65	DICHLOROMETANE	34417.493	58.1	METHYL THIIRANE
34351.171	67	OXYBISMETHANE	34417.760	66	1-CHLOROPROPANE
34352.527	63	DICHLOROMETHANE	34417.835	59	METHANOL
34352.77	68	CHLORODIFLUORCMETHANE	34420.058	66	CHLOROETHENE
34356.599	67	OXYBISMETHANE	34420.207	66	2-CHLOROPROPANE
34362.353	52.4	ISOXAZOLE	34420.766	66	FURAN
34371.566	65	CIS 1,2-DICHLOROETHENE	34423.515	72	DICHLORODIFLUORCMETHANE
34374.955	61	CHLOROETHENE	34425.15	67	SULFUR DIOXIDE
34377.90	67	1,1-DICHLOROETHANE	34426.314	61	CHLOROETHENE
34378.68	66	1,1-DICHLORCETHANE	34426.523	65	FORMIC ACID, METHYL ESTER
34379.42	66	1,1-DICHLOROETHANE	34430.386	57.5	CHLOROETHENE
34380.47	67	2-PROPEN-1-CL	34430.939	65	2(3H)-DIHYDROFURANONE
34386.24	62	METHYLOXIRANE	34433.38	64	CHLORODIFLUORCMETHANE
34391.597	64	CHLOROETHENE	34436.152	59	CHLOROETHENE
34391.63	67	1-PROPANOL	34438.605	66	2-FURANCARBOXALDEHYDE
34392.006	67	2-PROPEN-1-CL	34438.994	61	2-PROPYN-1-CL
34392.578	61	2-PROPANONE	34440.266	65	ACETALDEHYDE
34393.567	57.8	SULFUR DIOXIDE	34440.611	64	CHLOROETHENE
34395.954	62.0	2-PROPEN-1-CL	34440.86	64	DIMETHYL DISULFIDE
34397.55	67	OXIRANE	34441.81	66	CHLORODIFLUORCMETHANE
34402.367	56.6	CHLOROETHENE	34443.513	51.4	1,1-DIFLUORCETHENE
34403.07	67	PROPANAL	34444.456	67	ETHANETHIOL
34403.829	53.9	OXETANE	34446.083	66	EPOXYBUTANE
34404.40	57	NITROMETHANE	34446.372	61	CHLOROETHENE
34405.905	52.8	CHLOROETHENE	34450.435	57.6	CHLOROETHENE
34407.168	65	ETHANETHIOL	34453.884	66	DICHLORODIFLUORCMETHANE
34407.57	61	METHYLOXIRANE	34457.232	67	DICHLORODIFLUORCMETHANE
34407.918	60	OXIRANE	34458.787	65	FORMIC ACID, METHYL ESTER
34408.347	58.4	DICHLOROMETHANE	34460.647	64	CHLOROETHENE
34408.71	61	METHYLOXIRANE	34461.281	59.2	OXETANE
34409.447	66	ETHANETHIOL	34461.359	62	2-PROPEN-1-CL

TABLE II.- Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
34462.35	72	SULFUR DIOXIDE	34521.66	72	TRICHLOROFLUOROMETHANE
34464.586	64	2,5-DIHYDROFURAN	34523.007	64	FORMIC ACID, METHYL ESTER
34465.52	66	1,1-DICHLOROETHANE	34523.53	63	NITROMETHANE
34467.32	67	2-CHLOROPROPANE	34524.167	64	1,1-DICHLOROETHANE
34467.481	64	2-PROPANOL	34527.332	58.6	METHANETHIOL
34468.23	67	2-CHLOROPROPANE	34527.388	45	METHANAMINE
34469.995	65	1,1-DICHLOROETHANE	34527.390	64	ETHANAMINE
34470.05	66	CIS 1,2-DICHLOROETHENE	34527.869	48	METHANAMINE
34470.393	67	CIS 1,2-DICHLOROETHENE	34530.203	58.6	SULFUR DIOXIDE
34470.898	62	2-CHLOROPROPANE	34535.646	62.2	2-PROPEN-1-CL
34470.983	66	CIS 1,2-DICHLOROETHENE	34537.461	64	2,5-DIHYDROFURAN
34474.997	64	OXETANE	34539.339	50.6	ISOXAZOLE
34476.392	65	FORMIC ACID, METHYL ESTER	34540.611	62	2-PROPYN-1-CL
34478.68	67	2-PROPANONE	34541.525	60.3	ETHANOL
34479.399	56.6	FLUOROETHENE	34541.550	65	TETRAHYDROFURAN
34479.963	62	CHLORODIFLUOROMETHANE	34545.344	64	2-BUTENAL
34481.044	64	2-PROPEN-1-CL	34546.34	64	2-BUTENAL
34481.841	62	CHLORODIFLUOROMETHANE	34547.957	56.7	CHLORODIFLUOROMETHANE
34487.108	58.6	2-BUTENAL	34548.087	56.0	FURAN
34488.167	64	METHANETHIOL	34549.59	65	TETRAHYDROFURAN
34488.650	66	2-BUTENAL	34550.137	55	CHLORODIFLUOROMETHANE
34488.785	68	CIS 1,2-DICHLOROETHENE	34550.837	64	2,5-DIHYDROFURAN
34490.184	63	2-PROPANOL	34552.570	68	ETHANETHIOL
34494.128	66	2-PROPANOL	34553.768	68	CHLOROETHENE
34498.268	66	METHYLOXIRANE	34553.84	61	CHLORODIFLUOROMETHANE
34500.011	63	2-BUTENAL	34555.165	61	ETHANOL
34501.568	68	DICHLORODIFLUOROMETHANE	34555.219	66	OXETANE
34501.799	65	2-BUTENAL	34556.328	63	2,5-DIHYDROFURAN
34504.779	61	THIETANE	34557.607	65	1,1-DICHLOROETHANE
34505.384	66	EPOXYBUTANE	34557.996	67	2-PROPEN-1-CL
34505.84	67	1,1-DICHLOROETHANE	34562.47	55	PYRIDINE
34506.736	65	3-BUTENENITRILE	34567.128	67	CHLOROETHANE
34509.335	66	CIS 1,2-DICHLOROETHENE	34567.191	67	CHLOROETHENE
34510.474	61	1,1-DIFLUOROCETHENE	34567.779	67	1,1-DICHLOROETHANE
34517.732	64	2,5-DIHYDROFURAN	34568.094	67	CHLOROETHANE
34519.096	65	CIS 1,2-DICHLOROETHENE	34571.12	64	METHYLOXIRANE
34520.61	70	TRICHLOROFLUOROMETHANE	34573.024	70	METHYL SULFIDE
34520.65	62	2-PROPANONE	34573.239	60.2	CHLOROETHENE
34521.152	70	TRICHLOROFLUOROMETHANE	34574.607	64	CIS 1,2-DICHLOROETHENE
34521.426	66	2-PROPEN-1-OL	34575.599	58.5	1,1-DICHLOROETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
34576.053	59.6	CHLOROETHENE	34624.609	64	DICHLOROMETHANE
34578.818	64	DICHLORODIFLUOROMETHANE	34624.92	62	DICHLOROMETHANE
34583.229	60	2-FURANCARBOXALDEHYDE	34626.121	64	DICHLOROMETHANE
34585.480	57.6	2,5-DIHYDROFURAN	34627.231	58.1	1,1-DICHLOROETHANE
34586.410	61	2-FURANCARBOXALDEHYDE	34627.354	66	2,5-DIHYDROFURAN
34592.424	65	2-FURANCARBOXALDEHYDE	34628.733	65	DICHLOROMETHANE
34594.149	58.1	PYRROLE	34629.220	64	DICHLOROMETHANE
34596.901	66	2-OXO-PROPANAL	34629.615	64	DICHLOROMETHANE
34597.664	66	2-FURANCARBOXALDEHYDE	34629.98	67	CIS 1,2-DICHLOROETHENE
34599.122	64	2-FURANCARBOXALDEHYDE	34630.107	64	2-PROPANONE
34599.557	66	2-BUTENAL	34630.259	64	DICHLOROMETHANE
34600.555	67	DICHLORODIFLUOROMETHANE	34630.890	61	FLUOROETHENE
34601.7	64	ETHANOL	34631.401	69	METHYL SULFIDE
34603.706	65	2-FURANCARBOXALDEHYDE	34632.70	65	CIS 1,2-DICHLOROETHENE
34603.9	64	ETHANOL	34632.785	61	ETHANOL
34604.923	67	1,1-DICHLOROETHANE	34635.450	67	2-OXO-PROPANAL
34605.586	67	2-BUTENAL	34636.968	63	DICHLOROMETHANE
34606.579	64	DICHLOROMETHANE	34641.232	68	THIOPHENE
34610.304	66	CHLOROBENZENE	34645.441	66	2-FURANCARBOXALDEHYDE
34611.1	64	ETHANOL	34653.212	67	METHYL SULFIDE
34611.263	53.6	METHYLOXIRANE	34656.805	65	2,5-DIHYDROFURAN
34612.72	66	2-FURANCARBOXALDEHYDE	34663.23	59	FORMAMIDE
34613.580	63	2-FURANCARBOXALDEHYDE	34663.671	64	2-PROPANONE
34614.099	64	2-PROPANOL	34664.167	56	FORMAMIDE
34614.994	66	DICHLOROMETHANE	34667.036	59	ETHANAMINE
34615.791	68	CIS 1,2-DICHLOROETHENE	34668.861	62	OXETANE
34616.17	67	PROPANAL	34671.768	65	FORMIC ACID, METHYL ESTER
34616.185	54.2	PYRROLE	34675.265	57.6	2,5-DIHYDROFURAN
34618.302	63	DICHLOROMETHANE	34675.344	51.7	ISOXAZOLE
34619.17	61	DICHLOROMETHANE	34680.413	62	ETHANOL
34619.969	63	DICHLOROMETHANE	34682.544	67	OXYBISMETHANE
34621.664	65	TETRAHYDROTHIOPHENE	34682.804	64	FORMIC ACID, METHYL ESTER
34621.97	67	CIS 1,2-DICHLOROETHENE	34686.428	64	1,1-DIFLUOROETHENE
34622.108	67	2-PROPANOL	34686.687	62	ETHANOL
34622.403	62	DICHLOROMETHANE	34687.86	68	2-PROPANONE
34623.524	60.1	METHANAMINE	34689.250	63	1,1-DIFLUOROETHENE
34623.536	64	DICHLOROMETHANE	34692.391	60.3	1,1-DICHLOROETHANE
34623.76	67	CIS 1,2-DICHLOROETHENE	34695.572	65	OXETANE
34623.774	63	DICHLOROMETHANE	34707.403	65	1,1-DICHLOROETHANE
34624.15	63	DICHLOROMETHANE	34712.781	55.9	OXETANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
34716.55	65	2(3H)-DIHYDROFURANONE	34783.51	66	CIS 1,2-DICHLOROETHENE
34717.404	61	OXETANE	34786.327	66	DICHLORODIFLUCROMETHANE
34717.43	66	ACETALDEHYDE	34788.284	65	2,5-DIHYDROFURAN
34718.517	59.3	FURAN	34790.530	61	2-PROPANONE
34718.60	67	ACETALDEHYDE	34793.148	64	2-PROPYN-1-CL
34721.885	68	1,2-DICHLOROETHANE	34793.925	66	ACETALDEHYDE
34723.516	63	2-PROPEN-1-CL	34796.685	66	CIS 1,2-DICHLOROETHENE
34723.74	66	CIS 1,2-DICHLOROETHENE	34802.069	63	CHLOROETHENE
34724.323	52.6	ISOXAZOLE	34802.28	66	2-PROPANONE
34724.731	64	METHYLOXIRANE	34804.20	68	METHYL SULFIDE
34724.842	62	2-PROPYN-1-CL	34804.601	68	METHYL SULFIDE
34726.896	65	METHYLOXIRANE	34805.34	68	METHYL SULFIDE
34727.753	65	PYRROLE	34807.14	68	2-CHLOROPROPANE
34730.397	67	OXYBISMETHANE	34810.713	67	2,5-DIHYDROFURAN
34731.111	63	DIMETHYL DISULFIDE	34810.750	64	2-PROPYN-1-OL
34731.336	65	2-PROPENAL	34810.948	63	SULFUR DIOXIDE
34733.88	59	METHANETHIOL	34811.015	66	1,1-DICHLORoETHANE
34735.57	54	ISOXAZOLE	34815.77	68	2-CHLOROPROPANE
34736.798	65	PYRROLE	34815.950	65	CIS 1,2-DICHLOROETHENE
34741.180	63	2-PROPANOL	34816.55	67	2-CHLOROPROPANE
34742.584	65	CIS 1,2-DICHLOROETHENE	34817.809	63	2-PROPANOL
34742.796	67	1,2-DICHLOROETHANE	34818.654	65	ACETALDEHYDE
34744.99	59	THIAZOLE	34820.039	68	METHYL SULFIDE
34750.265	67	ACETALDEHYDE	34820.8	64	ETHANOL
34752.981	67	2-PROPYN-1-CL	34821.070	64	2-PROPANOL
34757.657	64	2-PROPENAL	34822.358	62	2-PROPEN-1-CL
34762.435	65	ACETALDEHYDE	34824.039	53.8	PROPANENITRILE
34762.818	59	2-PROPENAL	34825.731	63	CIS 1,2-DICHLOROETHENE
34763.705	67	FLUOROBENZENE	34831.030	66	CIS 1,2-DICHLOROETHENE
34765.974	66	FORMIC ACID, METHYL ESTER	34831.677	62	DICHLOROMETHANE
34768.961	53	2-PROPENAL	34832.559	62	3-BUTENENITRILE
34771.228	65	CIS 1,2-DICHLOROETHENE	34834.383	61	METHANAMINE
34772.896	59	METHANAMINE	34834.72	64	2-PROPANONE
34774.008	66	CIS 1,2-DICHLOROETHENE	34834.975	63	2(3H)-DIHYDROFURANONE
34775.650	66	FORMIC ACID, METHYL ESTER	34835.030	64	METHANAMINE
34777.611	66	2-PROPENAL	34836.13	65	2-PROPANONE
34778.882	66	OXETANE	34839.771	67	FLUOROETHENE
34781.89	66	OXIRANE	34843.0	64	ETHANOL
34782.124	60.1	2-PROPYN-1-OL	34846.643	65	DICHLOROMETHANE
34782.798	66	DICHLORODIFLUCROMETHANE	34846.694	53.1	ISOXAZOLE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
34847.966	64	1,1-DICHLOROETHANE	34916.71	66	CIS 1,2-DICHLOROETHENE
34853.78	66	1,1-DICHLOROETHANE	34917.207	66	CIS 1,2-DICHLOROETHENE
34862.796	60	2,5-DIHYDROFURAN	34917.376	55	OXETANE
34863.703	67	CHLOROETHANE	34918.773	67	PROPANAL
34864.250	62	PYRROLE	34919.22	64	OXIRANE
34865.192	66	FORMIC ACID, METHYL ESTER	34919.853	53	PYRIDINE
34865.83	68	DICHLOROMETHANE	34920.141	68	METHYL SULFIDE
34865.91	63	2-CHLOROPROPANE	34925.790	66	METHYL SULFIDE
34866.204	66	EPOXYBUTANE	34928.739	65	DICHLORODIFLUOROMETHANE
34866.250	66	DICHLOROMETHANE	34930.468	65	THIETANE
34866.568	68	DICHLOROMETHANE	34933.174	57.0	CIS 1,2-DICHLOROETHENE
34866.67	62	2-CHLOROPROPANE	34935.780	65	2-PROPYN-1-CL
34866.80	67	DICHLOROMETHANE	34935.791	67	2-FURANCARBOXALDEHYDE
34870.172	59	OXETANE	34937.199	65	CIS 1,2-DICHLOROETHENE
34873.339	65	ACETALDEHYDE	34937.298	56	THIAZOLE
34873.520	66	2-PROPANONE	34937.329	62	DICHLOROMETHANE
34878.783	65	ACETALDEHYDE	34939.264	66	2-PROPENAL
34880.697	62	2-PROPENAL	34942.180	62	FLUOROETHENE
34880.8	65	ETHANOL	34942.791	66	METHANETHIOL
34881.922	64	1,1-DIFLUOROETHENE	34946.271	66	OXYBISMETHANE
34882.894	64	2-FURANCARBOXALDEHYDE	34947.869	65	DICHLOROMETHANE
34883.73	65	OXIRANE	34949.533	61	2-PROPYN-1-CL
34884.111	55	2-PROPENAL	34950.826	66	METHYLOXIRANE
34886.632	50	ISOXAZOLE	34952.223	67	OXETANE
34887.716	66	2-PROPYN-1-CL	34953.794	57	HYDROCYANIC ACID
34893.821	53.6	OXETANE	34955.724	62	OXETANE
34894.360	52.1	ISOXAZOLE	34956.056	65	2(3H)-DIHYDROFURANONE
34895.625	66	DICHLORODIFLUOROMETHANE	34957.808	62	2-PROPEN-1-OL
34896.55	65	METHANAMINE	34959.48	66	OXYBISMETHANE
34897.721	58.0	PROPANENITRILE	34959.774	68	ACETALDEHYDE
34897.872	65	1,2-DICHLOROETHANE	34961.630	65	METHYLOXIRANE
34900.689	55.1	1,1-DIFLUOROETHENE	34963.056	60.2	METHYL SULFIDE
34903.429	53	THIIRANE	34963.801	67	DICHLOROMETHANE
34907.50	61	METHANAMINE	34963.863	68	DICHLORODIFLUOROMETHANE
34908.589	61	2,5-DIHYDROFURAN	34964.800	59.3	DICHLOROMETHANE
34908.65	66	CHLORODIFLUOROMETHANE	34965.655	64	DICHLOROMETHANE
34911.96	66	CHLORODIFLUOROMETHANE	34966.814	65	CHLORODIFLUOROMETHANE
34912.41	68	METHYLOXIRANE	34967.421	65	CHLORODIFLUOROMETHANE
34912.941	65	ETHANAMINE	34967.660	68	2-OXO-PROPANAL
34913.97	65	METHYLOXIRANE	34968.595	66	DICHLOROMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
34969.73	69	METHYL SULFIDE	35034.978	67	1,2-DICHLOROETHANE
34970.00	57	DICHLOROMETHANE	35038.77	69	1-PROPANOL
34970.516	65	METHYL SULFIDE	35041.135	66	2-FURANCARBOXALDEHYDE
34970.598	67	ACETALDEHYDE	35041.143	67	OXETANE
34970.615	54	DICHLOROMETHANE	35053.399	68	OXYBISMETHANE
34971.200	66	2-PROPANONE	35055.625	68	DICHLOROMETHANE
34971.637	56.6	SULFUR DIOXIDE	35058.144	58.3	2,5-DIHYDROFURAN
34972.293	65	DICHLOROMETHANE	35061.468	67	FLUOROBENZENE
34973.707	65	TETRAHYDROTHIOPHENE	35064.51	64	CHLOROBENZENE
34976.460	61	DICHLOROMETHANE	35065.15	65	CHLOROBENZENE
34979.605	59	2-PROPENAL	35066.479	65	DICHLOROMETHANE
34982.002	65	2-PROPANOL	35066.894	63	DICHLOROMETHANE
34982.295	59.9	FORMALDEHYDE	35067.384	65	DICHLOROMETHANE
34984.880	63	ETHANAMINE	35067.63	64	DICHLOROMETHANE
34985.314	52.8	OXETANE	35073.098	61	FLUOROBENZENE
34985.36	66	ETHANAMINE	35075.923	65	1,1-DICHLOROETHANE
34993.95	59	FORMAMIDE	35078.37	59	CIS 1,2-DICHLOROETHENE
34996.629	67	CIS 1,2-DICHLOROETHENE	35076.748	64	TETRAHYDROFURAN
34997.671	66	2-PROPEN-1-OL	35076.960	58	CIS 1,2-DICHLOROETHENE
34999.694	62	OXYBISMETHANE	35077.55	59	CIS 1,2-DICHLOROETHENE
35002.864	51	ISOXAZOLE	35078.84	62	CIS 1,2-DICHLOROETHENE
35004.33	66	3-BUTENENITRILE	35079.662	61	CIS 1,2-DICHLOROETHENE
35004.699	64	2-PROPEN-1-CL	35080.50	62	CIS 1,2-DICHLOROETHENE
35006.07	64	OXYBISMETHANE	35080.96	66	PROPANAL
35006.856	62	OXYBISMETHANE	35081.03	66	2(3H)-DIHYDROFURANONE
35007.015	68	1,2-DICHLOROETHANE	35081.368	67	OXETANE
35010.447	64	TETRAHYDROFURAN	35083.82	58	PYRIDINE
35015.00	65	TETRAHYDROFURAN	35084.269	64	TETRAHYDROFURAN
35016.520	62	PYRIDINE	35084.41	68	CHLORODIFLUOROMETHANE
35018.387	67	2-PROPANOL	35084.515	57	CIS 1,2-DICHLOROETHENE
35019.004	60.4	2-PROPYN-1-OL	35085.01	68	CHLORODIFLUOROMETHANE
35019.577	68	2-OXO-PROPANAL	35085.349	55.1	OXETANE
35020.122	67	2-PROPANOL	35090.358	57.2	OXETANE
35021.378	65	DICHLORODIFLUOROMETHANE	35091.94	67	ACETALDEHYDE
35021.606	68	DICHLORODIFLUOROMETHANE	35091.983	62	TETRAHYDROFURAN
35022.73	57	PYRIDINE	35093.021	57	2,5-DIHYDROFURAN
35024.286	65	DICHLOROMETHANE	35093.309	62	2-PROPENAL
35028.69	67	CIS 1,2-DICHLOROETHENE	35093.846	64	FLUOROBENZENE
35031.057	66	DICHLOROMETHANE	35093.850	63	METHANETHIOL
35031.772	65	CIS 1,2-DICHLOROETHENE	35095.033	65	OXETANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
35095.115	64	CIS 1,2-DICHLOROETHENE	35142.225	67	PROPANAL
35095.878	67	THIETANE	35143.860	62	OXETANE
35097.080	66	EPOXYBUTANE	35144.158	67	OXYBISMETHANE
35100.090	67	EPOXYBUTANE	35145.586	52.4	1,1-DIFLUOROETHENE
35100.416	65	OXETANE	35147.725	65	2-METHYLFURAN
35102.69	67	CHLOROBENZENE	35148.302	51	PYRROLE
35103.35	67	CHLOROBENZENE	35149.124	61	PYRIDINE
35108.165	68	1-CHLOROPROPANE	35153.673	64	OXETANE
35108.292	65	FLUOROBENZENE	35153.842	66	2(3H)-DIHYDROFURANONE
35109.498	63	2-PROPEN-1-CL	35154.615	66	2-PROPEN-1-CL
35109.563	68	1-CHLOROPROPANE	35155.886	66	ETHANETHIOL
35111.249	66	2-CHLOROPROPANE	35158.291	66	2-PROPEN-1-OL
35112.769	66	2-PROPANOL	35159.38	66	2-PROPANONE
35113.195	65	THIETANE	35159.652	66	FORMIC ACID, METHYL ESTER
35113.370	66	OXETANE	35159.967	67	FURAN
35113.488	66	2-CHLOROPROPANE	35161.395	66	OXETANE
35117.274	66	EPCXYBUTANE	35161.56	66	METHANOL
35120.831	66	CHLORODIFLUORCMETHANE	35163.350	67	OXETANE
35121.501	63	CIS 1,2-DICHLOROETHENE	35164.70	66	2-PROPANONE
35121.696	66	CHLORODIFLUORCMETHANE	35165.466	63	2-PROPANOL
35122.663	66	2-PROPANOL	35165.598	65	FLUOROBENZENE
35125.26	67	2-PROPANONE	35166.82	63	ETHANOL
35126.698	67	DICHLOROMETHANE	35167.526	63	METHANETHIOL
35126.754	63	2-PROPANOL	35169.555	66	2-PROPANOL
35128.305	63	OXYBISMETHANE	35171.047	62	3-BUTENENITRILE
35129.11	64	OXYBISMETHANE	35171.143	66	1,1-DICHLOROETHANE
35129.14	65	CIS 1,2-DICHLOROETHENE	35171.420	65	PYRROLE
35132.130	67	PROPANAL	35172.55	68	1,1-DICHLOROETHANE
35132.719	65	DICHLOROMETHANE	35174.945	66	DICHLORODIFLUGROMETHANE
35133.830	64	PROPANAL	35175.106	62	ETHANOL
35134.307	50.2	AMMONIA	35175.539	59.2	METHYL THIIRANE
35134.562	65	2-METHYLFURAN	35177.584	53.8	OXETANE
35135.032	66	2-PROPEN-1-OL	35178.845	63	2-PROPYN-1-CL
35135.130	64	OXETANE	35181.396	67	2-CHLOROPROPANE
35135.229	68	METHYL SULFIDE	35182.679	45	METHANAMINE
35135.510	59	OXYBISMETHANE	35182.680	64	ETHANAMINE
35138.420	64	PROPANAL	35183.242	47	METHANAMINE
35138.78	60	OXETANE	35183.48	63	ETHANOL
35139.85	62	FLUOROBENZENE	35193.036	60.1	CIS 1,2-DICHLOROETHENE
35140.837	66	FURAN	35194.672	65	OXYBISMETHANE

TABLE II.- Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
35196.715	66	2-PROPEN-1-OL	35252.876	68	1,2-DICHLOROETHANE
35200.800	67	2,5-DIHYDROFURAN	35254.024	63	METHYLOXIRANE
35204.710	65	DICHLOROMETHANE	35254.573	60	METHANETHICL
35205.137	65	FORMIC ACID, METHYL ESTER	35255.76	60	METHANETHIOL
35206.537	63	CHLORODIFLUOROMETHANE	35256.893	64	OXETANE
35207.610	62	CHLORODIFLUOROMETHANE	35258.419	66	FLUOROBENZENE
35207.988	65	2-PROPENAL	35258.719	65	2-PROPEN-1-OL
35209.310	51.9	ISOXAZOLE	35265.463	64	THIETANE
35210.063	67	OXYBISMETHANE	35267.119	66	THIETANE
35210.517	60	DICHLOROMETHANE	35267.820	63	TETRAHYDROTHIOPHENE
35212.594	64	CHLORODIFLUOROMETHANE	35268.923	65	CIS 1,2-DICHLOROETHENE
35213.682	63	CHLORODIFLUOROMETHANE	35270.050	54	OXETANE
35214.547	64	METHYL SULFIDE	35272.312	61	1,1-DICHLOROETHANE
35215.234	63	2-PROPEN-1-OL	35274.886	64	2-PROPANONE
35215.889	65	1,1-DIFLUOROETHENE	35275.18	67	CIS 1,2-DICHLOROETHENE
35215.924	54	ISOXAZOLE	35277.969	62	CHLOROETHENE
35216.338	66	DICHLOROMETHANE	35279.205	65	DICHLORODIFLUOROMETHANE
35216.446	66	DICHLORODIFLUOROMETHANE	35279.366	62	CIS 1,2-DICHLOROETHENE
35216.798	63	ETHANETHIOL	35280.426	61	CIS 1,2-DICHLOROETHENE
35217.999	66	1,2-DICHLOROETHANE	35281.467	62	CIS 1,2-DICHLOROETHENE
35219.953	65	2-PROPANONE	35283.307	59.7	2-PROPANONE
35225.408	65	1,1-DICHLOROETHANE	35285.182	65	2-FURANCARBOXALDEHYDE
35226.90	67	2-PROPANOL	35285.35	68	DICHLORODIFLUOROMETHANE
35232.218	59	FLUOROBENZENE	35285.55	67	CHLORODIFLUOROMETHANE
35233.282	52.5	ISOXAZOLE	35287.89	63	CHLORODIFLUOROMETHANE
35235.262	64	2-PROPEN-1-OL	35288.643	66	OXETANE
35235.719	65	OXYBISMETHANE	35290.939	65	CHLOROETHENE
35237.983	62	2-FURANCARBOXALDEHYDE	35290.943	66	CHLORODIFLUOROMETHANE
35239.32	67	2-PROPANOL	35291.265	62	DICHLORODIFLUOROMETHANE
35241.548	63	OXETANE	35293.45	68	2-PROPANOL
35243.75	62	METHYLOXIRANE	35293.751	65	PROPANAL
35245.091	68	FLUOROBENZENE	35295.51	64	OXETANE
35246.365	67	1,1-DIFLUOROETHENE	35295.693	65	TETRAHYDROTHIOPHENE
35247.153	58.4	FURAN	35297.359	55.1	CHLOROETHENE
35247.223	59.7	2,5-DIHYDROFURAN	35297.878	62	OXETANE
35247.593	50	METHANAMINE	35298.504	60	ETHANOL
35247.996	52	METHANAMINE	35299.796	65	ETHANAMINE
35248.133	66	2-PROPEN-1-OL	35300.561	60.2	TETRAHYDROTHIOPHENE
35250.403	62	OXETANE	35300.919	54.4	CHLOROETHENE
35252.292	61	OXETANE	35301.007	65	OXETANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
35301.95	62	CHLOROETHENE	35368.048	66	PROPANAL
35303.090	64	2-PROPANONE	35369.77	63	CIS 1,2-DICHLOROETHENE
35304.42	67	2-PROPANOL	35370.43	61	CIS 1,2-DICHLOROETHENE
35304.47	67	2-PROPEN-1-CL	35371.11	63	CIS 1,2-DICHLOROETHENE
35306.872	59.7	OXETANE	35373.500	66	METHYLOXIRANE
35307.361	65	CHLOROETHENE	35373.754	57.6	OXYBISMETHANE
35308.740	66	PROPANAL	35376.418	53.8	FURAN
35309.798	67	1,1-DICHLOROETHANE	35377.08	66	CIS 1,2-DICHLOROETHENE
35318.959	64	OXETANE	35377.93	64	CIS 1,2-DICHLOROETHENE
35321.40	63	NITROMETHANE	35378.256	66	PROPANAL
35322.549	63	2(3H)-DIHYDROFURANONE	35378.85	66	CIS 1,2-DICHLOROETHENE
35324.966	50.4	ISOXAZOLE	35379.395	65	2,5-DIHYDROFURAN
35329.047	64	2,5-DIHYDROFURAN	35379.893	62	FLUOROBENZENE
35330.050	52.6	OXETANE	35381.289	65	2-PROPANONE
35334.623	63	2-PROPYN-1-CL	35381.90	66	1,1-DICHLOROCETHANE
35335.496	60	CIS 1,2-DICHLOROETHENE	35383.494	63	1,1-DICHLOROCETHANE
35337.938	59.0	OXIRANE	35383.727	63	3-BUTENENITRILE
35338.151	63	ETHANETHIOL	35384.753	57	OXYBISMETHANE
35338.302	58	OXETANE	35385.10	66	1,1-DICHLOROETHANE
35338.953	65	1,1-DICHLOROETHANE	35385.427	63	2-PROPANONE
35340.16	67	1,1-DICHLOROETHANE	35385.584	63	ACETALDEHYDE
35342.03	67	CHLORODIFLUOROMETHANE	35386.162	60.4	2,5-DIHYDROFURAN
35344.690	64	CHLORODIFLUOROMETHANE	35386.35	68	FLUOROBENZENE
35344.797	61	DICHLOROMETHANE	35388.157	65	THIOPHENE
35345.680	66	2-PROPEN-1-CL	35389.688	60	OXETANE
35345.707	63	EPOXYBUTANE	35391.74	67	2-PROPANONE
35346.366	65	CIS 1,2-DICHLOROETHENE	35392.286	66	CIS 1,2-DICHLOROETHENE
35346.88	68	1-PROPANOL	35392.9	64	ETHANOL
35348.408	59.7	OXYBISMETHANE	35393.398	62	TETRAHYDROTHIOPHENE
35349.492	66	FLUOROBENZENE	35395.763	61	1,1-DIFLUOROETHENE
35351.432	52.7	ISOXAZOLE	35396.40	66	2-PROPENENITRILE
35355.193	61	DICHLOROMETHANE	35398.548	62	OXYBISMETHANE
35355.768	68	DICHLOROMETHANE	35399.582	64	OXYBISMETHANE
35356.623	67	METHYLOXIRANE	35400.12	66	2-PROPANONE
35357.183	57.2	1,1-DIFLUOROCETHENE	35401.12	68	METHYLOXIRANE
35361.025	66	1,1-DIFLUOROCETHENE	35401.65	67	METHYLOXIRANE
35363.751	63	ACETALDEHYDE	35401.792	63	OXYBISMETHANE
35364.496	66	METHYL SULFIDE	35402.492	62	FLUOROBENZENE
35365.8	71	ETHANOL	35403.13	59	METHYLOXIRANE
35367.643	54.9	PYRROLE	35403.961	62	2-PROPEN-1-CL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
35406.767	61	OXETANE	35469.294	58	FLUOROETHENE
35406.772	65	FLUOROBENZENE	35471.57	65	3-BUTENENITRILE
35406.82	61	OXIRANE	35473.70	67	DICHLORODIFLUOROMETHANE
35407.31	63	PYRIDINE	35474.32	67	2-PROPANONE
35408.225	66	2,5-DIHYDROFURAN	35474.889	62	METHYLOXIRANE
35409.104	59	OXETANE	35475.11	67	CHLORODIFLUOROMETHANE
35410.736	58.6	OXETANE	35476.088	65	CHLORODIFLUOROMETHANE
35418.062	51.4	ISOXAZOLE	35477.618	55.5	FURAN
35418.661	60.5	OXETANE	35478.56	65	METHANOL
35419.432	61	DICHLOROMETHANE	35479.23	67	CHLORODIFLUOROMETHANE
35423.094	66	2-PROPEN-1-OL	35479.275	62	OXETANE
35425.084	66	2-PROPEN-1-OL	35480.20	66	CHLORODIFLUOROMETHANE
35427.386	64	2,5-DIHYDROFURAN	35480.321	62	2-PROPEN-1-OL
35429.891	65	FLUOROBENZENE	35480.44	66	1,1-DICHLOROMETHANE
35429.905	63	METHANAMINE	35484.555	65	DICHLORODIFLUOROMETHANE
35431.077	61	OXETANE	35489.27	62	METHYLOXIRANE
35431.20	68	1-PROPANOL	35490.40	62	METHYLOXIRANE
35432.361	66	2-PROPEN-1-OL	35491.783	66	OXETANE
35434.62	68	DICHLOROMETHANE	35493.144	67	DICHLOROMETHANE
35437.398	60.5	DICHLOROMETHANE	35493.662	58	OXETANE
35440.803	61	CHLOROBENZENE	35493.76	66	CIS 1,2-DICHLOROETHENE
35441.80	68	1-CHLOROPROPANE	35494.481	65	CIS 1,2-DICHLOROETHENE
35441.861	67	2-FURANCARBOXALDEHYDE	35495.393	63	CIS 1,2-DICHLOROETHENE
35443.88	69	1-PROPANOL	35495.911	64	OXETANE
35445.122	67	OXETANE	35496.41	66	CIS 1,2-DICHLOROETHENE
35445.401	62	PYRIDINE	35501.668	57	OXETANE
35445.835	53.0	ISOXAZOLE	35502.162	67	2,5-DIHYDROFURAN
35446.777	58	OXETANE	35504.207	52	PYRROLE
35447.177	63	2,5-DIHYDROFURAN	35505.346	65	1-CHLOROPROPANE
35451.273	66	DICHLOROMETHANE	35509.337	61	THIETANE
35452.059	63	TETRAHYDROTHIOPHENE	35510.902	68	OXYBISMETHANE
35452.293	66	ACETALDEHYDE	35511.647	67	1,1-DICHLOROETHANE
35453.101	61	METHYLOXIRANE	35512.258	62	2,5-DIHYDROFURAN
35456.007	63	CIS 1,2-DICHLOROETHENE	35514.274	67	1,1-DICHLOROETHANE
35456.524	59.7	OXETANE	35515.265	52	THIIRANE
35458.307	62	CIS 1,2-DICHLOROETHENE	35515.446	67	DICHLOROMETHANE
35462.709	61	OXETANE	35516.39	57	NITROMETHANE
35462.709	61	OXETANE	35517.71	67	2-PROPANONE
35465.923	65	2-FURANCARBOXALDEHYDE	35517.833	59.6	DICHLOROMETHANE
35468.13	68	2-PROPANONE	35520.584	59	FLUOROBENZENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
35529.218	62	ACETALDEHYDE	35574.088	67	OXYBISMETHANE
35532.476	61	CHLOROBENZENE	35574.222	64	CHLORODIFLUOROMETHANE
35533.141	67	FLUOROBENZENE	35574.987	62	2-PROPANONE
35533.463	66	1-PROPANOL	35576.646	57	2-PROPENAL
35534.773	63	CIS 1,2-DICHLOROETHENE	35576.842	66	DICHLOROMETHANE
35534.804	57.2	METHYLOXIRANE	35578.130	51	2-PROPENAL
35536.421	58	CIS 1,2-DICHLOROETHENE	35578.479	55.3	ISOXAZOLE
35537.740	57	METHYLOXIRANE	35579.69	56	OXETANE
35538.059	63	CIS 1,2-DICHLOROETHENE	35580.32	58	OXETANE
35539.542	63	2-PROPENAL	35582.546	59.3	PROPANAL
35539.75	68	2-PROPEN-1-CL	35582.68	67	2-PROPANONE
35541.35	68	1-PROPANOL	35584.904	64	METHANAMINE
35543.24	59	METHANETHIOL	35585.021	57	OXETANE
35543.993	66	FORMIC ACID, METHYL ESTER	35585.042	56.9	OXYBISMETHANE
35546.674	67	FLUOROBENZENE	35586.16	58	OXETANE
35547.150	65	METHANETHIOL	35586.669	64	TETRAHYDROFURAN
35549.841	63	OXETANE	35586.833	66	2-PROPENAL
35550.92	65	NITROMETHANE	35589.99	65	2-METHYLFURAN
35551.200	66	1,1-DICHLOROETHANE	35590.245	64	CIS 1,2-DICHLOROETHENE
35551.719	53.5	ISOXAZOLE	35590.47	65	2-METHYLFURAN
35552.123	61	THIOPHENE	35591.728	64	2-PROPENAL
35552.252	65	2-PROPANONE	35591.947	65	2,5-DIHYDROFURAN
35552.804	58.8	OXETANE	35592.304	61	2-PROPYN-1-CL
35556.169	62	2-PROPANOL	35592.43	56	OXYBISMETHANE
35557.861	64	FLUOROBENZENE	35593.406	52.4	OXYBISMETHANE
35557.872	67	CHLOROBENZENE	35594.382	57	OXYBISMETHANE
35558.07	69	CHLORODIFLUOROMETHANE	35595.773	65	2-PROPENAL
35558.461	60.3	1,1-DICHLOROETHANE	35596.43	68	CHLORODIFLUOROMETHANE
35558.543	61	OXYBISMETHANE	35596.873	51.0	CARBON OXIDE SULFIDE
35558.837	64	2-PROPENAL	35597.977	65	2-PROPENAL
35560.94	63	OXIRANE	35602.651	67	2,5-DIHYDROFURAN
35561.200	67	2-PROPEN-1-CL	35602.733	64	DICHLOROMETHANE
35561.661	62	1,1-DIFLUOROETHENE	35603.677	60	2-PROPENAL
35562.311	64	CHLORODIFLUOROMETHANE	35604.849	63	ETHANETHIOL
35563.96	64	2-PROPENENITRILE	35605.803	67	THIETANE
35568.802	58.5	2,5-DIHYDROFURAN	35606.259	57	OXETANE
35569.870	67	2-PROPEN-1-CL	35606.426	53.0	2-PROPENAL
35570.16	64	CHLORODIFLUOROMETHANE	35608.009	56.5	METHYL THIIRANE
35570.708	62	1,1-DIFLUOROETHENE	35608.888	56.7	OXETANE
35573.180	67	ACETALDEHYDE	35609.825	68	CIS 1,2-DICHLOROETHENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
35611.025	65	OXYBISMETHANE	35649.304	64	CIS 1,2-DICHLOROETHENE
35611.667	67	EPOXYBUTANE	35650.84	63	CIS 1,2-DICHLOROETHENE
35612.064	63	OXYBISMETHANE	35651.20	63	CIS 1,2-DICHLOROETHENE
35612.347	59	2-PROPENAL	35652.748	64	CIS 1,2-DICHLOROETHENE
35614.589	50.5	1,1-DIFLUORCETHENE	35653.46	66	2-PROPENAL
35615.027	66	DICHLORMETHANE	35655.489	54.9	NITROMETHANE
35615.200	51	2-PROPENAL	35656.254	61	OXETANE
35615.983	68	2,5-DIHYDROFURAN	35660.858	66	2,5-DIHYDROFURAN
35617.24	64	2-PROPENAL	35663.517	63	2-PROPYN-1-OL
35617.271	67	2-PROPYN-1-OL	35663.876	61	ETHANOL
35618.070	67	1,1-DICHLOROETHANE	35664.869	59	THIOPHENE
35621.108	64	TETRAHYDROFURAN	35665.208	62	OXETANE
35623.838	68	METHYLOXIRANE	35666.285	65	CIS 1,2-DICHLOROETHENE
35624.40	67	1,1-DICHLORCETHANE	35666.360	67	FORMAMIDE
35625.43	65	1,1-DICHLOROETHANE	35668.66	62	PYRIDINE
35625.689	59.8	CIS 1,2-DICHLOROETHENE	35668.936	62	OXETANE
35626.75	67	1,1-DICHLORCETHANE	35669.50	65	2-PROPENAL
35627.223	58	CIS 1,2-DICHLOROETHENE	35670.461	65	2-PROPENAL
35628.751	54	OXETANE	35670.625	60	2-PROPYN-1-OL
35628.773	59.9	CIS 1,2-DICHLOROETHENE	35671.604	61	2-PROPENAL
35631.261	60	OXETANE	35673.207	54.6	2-PROPENAL
35632.600	65	CHLORODIFLUORMETHANE	35674.554	65	CHLORODIFLUORMETHANE
35633.530	59	2-PROPENAL	35674.892	55.0	PYRIDINE
35634.83	66	CHLORODIFLUOROMETHANE	35675.8	64	ETHANOL
35636.751	53	2-PROPENAL	35676.220	65	TETRAHYDROFURAN
35637.171	65	ACETALDEHYDE	35676.77	68	CIS 1,2-DICHLOROETHENE
35637.380	60.5	1,1-DICHLOROETHANE	35677.54	66	CHLORODIFLUORMETHANE
35637.855	66	PYRROLE	35678.18	68	CIS 1,2-DICHLOROETHENE
35638.108	60.5	OXETANE	35684.35	67	2-PROPANONE
35639.346	62	OXYBISMETHANE	35686.675	66	2-PROPEN-1-OL
35639.597	62	2-PROPEN-1-OL	35688.04	70	ACETONITRILE
35644.421	57.9	2,5-DIHYDROFURAN	35688.244	65	2-METHYLFURAN
35644.574	63	PYRROLE	35690.361	49.9	METHYLOXIRANE
35645.168	62	2-PROPANOL	35690.744	66	2-PROPEN-1-OL
35645.381	67	1,2-DICHLORCETHANE	35694.536	61	ETHANOL
35645.463	63	2-PROPYN-1-OL	35698.420	64	2-PROPENAL
35646.676	67	2-PROPENAL	35698.63	68	CHLORODIFLUORMETHANE
35646.87	68	METHYLOXIRANE	35698.865	56	OXETANE
35647.209	63	ETHYLENE GLYCOL CYCLIC SULFITE	35700.742	52.5	ISOXAZOLE
35647.89	68	METHYLOXIRANE	35700.767	63	2-PROPYN-1-OL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
35701.162	56	2-PROPENAL	35751.31	69	METHYLOXIRANE
35703.970	67	FLUOROBENZENE	35751.99	68	METHYLOXIRANE
35704.68	68	CIS 1,2-DICHLOROETHENE	35752.495	57.5	2-PROPENAL
35705.691	65	2-METHYLFURAN	35753.14	63	2-PROPANOL
35706.238	63	2-PROPENAL	35755.200	67	FORMIC ACID, METHYL ESTER
35709.733	63	2-PROPYN-1-CL	35756.08	63	PYRIDINE
35709.829	55	2-PROPENAL	35757.682	68	CHLOROBENZENE
35711.772	60	OXETANE	35758.191	66	2,5-DIHYDROFURAN
35714.793	61	EPOXYBUTANE	35760.00	68	CHLOROBENZENE
35715.014	67	CIS 1,2-DICHLOROETHENE	35760.817	66	2-PROPEN-1-OL
35717.09	64	ETHYLENE GLYCOL CYCLIC SULFITE	35760.941	66	2-PROPENAL
35719.041	63	DICHLOROMETHANE	35761.301	67	FORMIC ACID, METHYL ESTER
35719.908	65	2-PROPENAL	35762.713	63	CHLOROBENZENE
35720.327	55	OXETANE	35765.673	57.9	OXETANE
35721.981	67	CIS 1,2-DICHLOROETHENE	35766.865	65	2-PROPYN-1-OL
35722.205	53	PROPANENITRILE	35768.547	62	1,1-DIFLUOROETHENE
35723.205	66	2(3H)-DIHYDROFURANONE	35773.174	66	1,2-DICHLOROCETHANE
35724.26	66	2-PROPYN-1-CL	35773.190	64	1,1-DICHLOROETHANE
35726.432	62	2-PROPYN-1-OL	35775.168	55.7	OXETANE
35727.888	63	2-PROPENAL	35775.270	64	2-PROPYN-1-OL
35728.515	54.5	OXETANE	35775.417	64	PYRROLE
35729.69	66	2-PROPYN-1-OL	35776.55	58	PROPANENITRILE
35729.707	62	2,5-DIHYDROFURAN	35776.908	62	2-PROPANOL
35731.138	56	2-PROPENAL	35778.497	66	2-PROPEN-1-OL
35731.187	63	TETRAHYDROTHIOPHENE	35779.62	66	2-PROPENAL
35732.03	69	ACETONITRILE	35780.25	66	CIS 1,2-DICHLOROETHENE
35732.921	58.0	2,5-DIHYDROFURAN	35780.94	68	CIS 1,2-DICHLOROETHENE
35733.051	62	1,1-DICHLOROCETHANE	35781.10	65	2-PROPYN-1-OL
35733.18	66	ACETONITRILE	35781.11	65	3-BUTENENITRILE
35733.742	57.0	OXETANE	35781.297	59.7	2-PROPENAL
35736.052	68	CIS 1,2-DICHLOROETHENE	35781.710	62	FORMIC ACID, METHYL ESTER
35738.214	59	METHANOL	35782.363	62	3-BUTENENITRILE
35739.366	60.4	CHLORODIFLUOROMETHANE	35782.618	57.1	OXETANE
35740.567	61	CHLORODIFLUOROMETHANE	35784.889	62	2-PROPYN-1-OL
35742.468	58	PROPANENITRILE	35784.983	65	ETHANETHIOL
35742.874	53.7	OXETANE	35785.76	65	2-PROPYN-1-CL
35745.042	61	2-PROPYN-1-OL	35786.51	64	EPOXYBUTANE
35748.370	66	2-PROPEN-1-OL	35789.84	67	2-PROPYN-1-CL
35748.948	68	CIS 1,2-DICHLOROETHENE	35790.47	66	2-PROPYN-1-CL
35750.472	55.9	OXETANE	35790.556	41.2	OXIRANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
35790.952	59	2-PROPENAL	35834.53	60	3-BUTENENITRILE
35792.18	56	PROPANENITRILE	35834.574	62	2-PROPANONE
35792.784	65	2-PROPYN-1-CL	35835.494	62.4	2-PROPEN-1-OL
35793.417	65	1,1-DIFLUOROETHENE	35837.341	67	ACETALDEHYDE
35796.406	58	OXETANE	35839.649	66	CIS 1,2-DICHLOROETHENE
35796.51	59	OXIRANE	35840.210	61	OXYBISMETHANE
35800.46	66	1,1-DICHLOROETHANE	35840.31	61	3-BUTENENITRILE
35801.639	66	2-PROPEN-1-CL	35840.422	64	CIS 1,2-DICHLOROETHENE
35803.387	65	TETRAHYDROTHIOPHENE	35841.126	65	CIS 1,2-DICHLOROETHENE
35804.062	61	2-PROPYN-1-CL	35841.74	66	CHLORODIFLUOROMETHANE
35805.506	57	OXETANE	35843.165	64	DICHLOROMETHANE
35805.523	61	CHLOROBENZENE	35843.207	62	FORMIC ACID, METHYL ESTER
35806.36	63	PROPANENITRILE	35843.57	66	CHLORODIFLUOROMETHANE
35806.852	61	2-PROPYN-1-CL	35843.68	62	DICHLOROMETHANE
35808.223	61	OXETANE	35844.200	64	DICHLOROMETHANE
35808.896	67	FORMIC ACID, METHYL ESTER	35844.62	60	PROPANENITRILE
35809.76	63	1,1-DICHLOROETHANE	35845.428	68	CHLOROBENZENE
35810.73	61	1,1-DICHLOROETHANE	35845.686	65	METHYLOXIRANE
35810.837	60	2-PROPENAL	35846.296	67	CIS 1,2-DICHLOROETHENE
35811.652	60	OXETANE	35846.518	61	2-PROPENAL
35811.71	63	1,1-DICHLOROETHANE	35846.805	67	CHLOROBENZENE
35812.161	66	2-PROPEN-1-OL	35846.993	66	CIS 1,2-DICHLOROETHENE
35813.94	58	PROPANENITRILE	35848.523	59.5	CIS 1,2-DICHLOROETHENE
35814.87	56	PROPANENITRILE	35849.64	61	3-BUTENENITRILE
35815.924	66	1,1-DICHLOROETHANE	35849.872	66	ETHANETHIOL
35817.63	64	TETRAHYDROTHIOPHENE	35849.964	65	CIS 1,2-DICHLOROETHENE
35818.304	63	3-BUTENENITRILE	35850.914	66	METHYLOXIRANE
35818.975	65	CIS 1,2-DICHLOROETHENE	35854.55	64	FORMIC ACID, METHYL ESTER
35820.292	55	OXETANE	35854.92	62	3-BUTENENITRILE
35822.384	66	2-PROPYN-1-CL	35855.889	63	SULFUR DIOXIDE
35824.197	66	OXYBISMETHANE	35855.93	64	CIS 1,2-DICHLOROETHENE
35826.855	65	2-PROPYN-1-OL	35856.571	64	CIS 1,2-DICHLOROETHENE
35827.729	63	CIS 1,2-DICHLOROETHENE	35857.389	63	CIS 1,2-DICHLOROETHENE
35827.75	64	2-PROPENENITRILE	35857.420	61	METHANETHIOL
35829.134	63	PYRIDINE	35859.305	59	TETRAHYDROTHIOPHENE
35829.159	62	CIS 1,2-DICHLOROETHENE	35859.38	65	CIS 1,2-DICHLOROETHENE
35829.915	68	ACETALDEHYDE	35860.208	58.6	FLUOROETHENE
35830.610	64	CIS 1,2-DICHLOROETHENE	35861.53	65	3-BUTENENITRILE
35831.77	61	PROPANENITRILE	35861.914	59.0	2-PROPANONE
35832.411	62	CIS 1,2-DICHLOROETHENE	35862.54	61	PROPANENITRILE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
35862.946	50.1	ISOXAZOLE	35923.449	66	OXETANE
35863.26	65	CIS 1,2-DICHLOROETHENE	35923.511	56.9	CHLORODIFLUOROMETHANE
35863.879	66	CIS 1,2-DICHLOROETHENE	35924.168	52.6	ISOXAZOLE
35864.986	62	CIS 1,2-DICHLOROETHENE	35924.407	67	THIETANE
35866.25	56	PROPANENITRILE	35924.868	66	METHYLOXIRANE
35866.484	61	TETRAHYDROTHIOPHENE	35925.897	63	DICHLOROMETHANE
35866.768	56.9	CHLORODIFLUOROMETHANE	35926.088	57.1	CHLORODIFLUOROMETHANE
35868.458	57	CHLORODIFLUOROMETHANE	35929.717	64	CHLORODIFLUOROMETHANE
35871.74	64	PROPANENITRILE	35930.301	64	CHLORODIFLUOROMETHANE
35873.43	59	METHANETHIOL	35933.355	66	METHYLOXIRANE
35873.622	59.0	TETRAHYDROTHIOPHENE	35934.79	62	3-BUTENENITRILE
35874.324	64	2-PROPENAL	35934.967	66	FLUOROBENZENE
35875.047	63	2-PROPEN-1-OL	35940.32	68	CIS 1,2-DICHLOROETHENE
35877.964	57	METHYLOXIRANE	35940.54	63	3-BUTENENITRILE
35880.272	63	3-BUTENENITRILE	35940.735	67	CIS 1,2-DICHLOROETHENE
35880.963	62	TETRAHYDRCTHIOPHENE	35941.008	64	2-PROPENAL
35883.01	66	2-PROPANONE	35945.563	65	THIETANE
35883.582	63	2-PROPENAL	35946.27	67	PROPANAL
35884.592	56.5	OXETANE	35946.667	66	PYRROLE
35885.472	67	FORMIC ACID, METHYL ESTER	35948.114	54.8	OXETANE
35886.574	63	TETRAHYDRCTHIOPHENE	35948.255	66	2-PROPEN-1-OL
35888.324	67	EPOXYBUTANE	35949.79	65	2(3H)-DIHYDROFURANONE
35892.17	64	2-PROPANOL	35950.08	65	3-BUTENENITRILE
35892.76	66	2-PROPANOL	35950.098	64	THIETANE
35893.057	65	DICHLORODIFLUOROMETHANE	35950.33	67	2-PROPANOL
35893.879	66	FORMIC ACID, METHYL ESTER	35956.23	64	3-BUTENENITRILE
35898.156	64	FORMIC ACID, METHYL ESTER	35957.346	64	THIETANE
35899.328	65	THIOPHENE	35957.35	65	2-PROPANONE
35902.901	58.7	FLUOROBENZENE	35959.729	67	FLUOROBENZENE
35903.335	63	2-PROPENAL	35960.291	67	EPOXYBUTANE
35907.012	66	1-CHLOROPROPANE	35962.85	64	3-BUTENENITRILE
35909.084	66	1-CHLOROPROPANE	35963.149	61	2-PROPYN-1-CL
35910.625	66	TETRAHYDRCTHIOPHENE	35963.60	65	2-PROPANONE
35912.343	66	DICHLORODIFLUOROMETHANE	35968.176	64	2-PROPANONE
35913.530	62	METHANETHIOL	35969.154	66	2,5-DIHYDROFURAN
35916.00	66	FLUOROBENZENE	35970.015	58	THIETANE
35916.399	62	ETHANETHIOL	35974.316	64	FORMIC ACID, METHYL ESTER
35916.947	65	OXYBISMETHANE	35976.825	62	THIETANE
35917.847	64	3-BUTENENITRILE	35978.769	65	FORMIC ACID, METHYL ESTER
35920.85	65	2-PROPANONE	35978.905	67	CIS 1,2-DICHLOROETHENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
35980.41	66	CIS 1,2-DICHLOROETHENE	36027.06	62	DICHLOROMETHANE
35980.86	66	CIS 1,2-DICHLOROETHENE	36027.92	61	DICHLOROMETHANE
35984.759	53.4	OXETANE	36028.09	58	CHLORODIFLUOROMETHANE
35987.671	64	FORMIC ACID, METHYL ESTER	36028.964	63	DICHLOROMETHANE
35990.444	67	2(3H)-DIHYDROFURANONE	36031.805	64	DICHLOROMETHANE
35992.45	66	THIETANE	36032.283	63	DICHLOROMETHANE
35993.27	66	THIETANE	36032.609	63	DICHLOROMETHANE
35993.792	66	DICHLOROMETHANE	36032.761	53.8	OXETANE
35994.060	64	TETRAHYDROTHIOPHENE	36033.216	64	DICHLOROMETHANE
35997.210	67	THIETANE	36034.493	63	OXYBISMETHANE
35998.050	53	OXETANE	36034.872	62	METHANAMINE
35998.356	64	FLUOROBENZENE	36035.010	67	CIS 1,2-DICHLOROETHENE
36004.67	67	2-PROPANONE	36035.093	65	ETHYLENE GLYCOL CYCLIC SULFITE
36006.838	67	EPOXYBUTANE	36036.351	65	CIS 1,2-DICHLOROETHENE
36008.677	53.6	OXETANE	36036.479	64	THIETANE
36008.682	66	2-PROPEN-1-OL	36036.574	63	OXYBISMETHANE
36010.610	54.1	OXETANE	36036.79	65	PYRROLE
36010.973	66	2-PROPEN-1-OL	36037.690	67	CIS 1,2-DICHLOROETHENE
36012.071	64	THIETANE	36037.883	62	TETRAHYDROTHIOPHENE
36014.855	50	METHANAMINE	36038.13	64	2-PROPANONE
36015.440	52	METHANAMINE	36039.798	63	THIETANE
36016.06	64	2(3H)-DIHYDROFURANONE	36043.360	54	ISOXAZOLE
36017.36	64	2(3H)-DIHYDROFURANONE	36043.618	67	OXYBISMETHANE
36017.401	60.2	THIETANE	36053.591	66	OXYBISMETHANE
36017.43	62	2-PROPANONE	36053.625	58	2-PROPANONE
36017.454	64	FORMIC ACID, METHYL ESTER	36055.778	56	OXETANE
36017.735	65	DICHLORODIFLUOROMETHANE	36062.143	52	OXETANE
36017.835	68	CIS 1,2-DICHLOROETHENE	36063.52	55	OXETANE
36019.221	67	OXYBISMETHANE	36063.63	67	1,1-DICHLOROETHANE
36020.10	65	3-BUTENENITRILE	36064.812	60.2	ETHANOL
36021.263	65	DICHLOROMETHANE	36065.277	47.8	SULFUR DIOXIDE
36021.892	54.7	OXETANE	36066.504	66	DICHLOROMETHANE
36021.93	68	CHLOROBENZENE	36066.787	55	METHANAMINE
36022.135	62	DICHLOROMETHANE	36067.826	53.4	PYRROLE
36022.776	63	DICHLOROMETHANE	36069.315	66	2-CHLOROPROPANE
36025.04	58	CHLORODIFLUOROMETHANE	36071.670	66	2-CHLOROPROPANE
36025.463	65	DICHLOROMETHANE	36074.256	59.0	2,5-DIHYDROFURAN
36026.09	63	DICHLOROMETHANE	36074.748	63	OXYBISMETHANE
36026.34	65	3-BUTENENITRILE	36074.857	55.8	OXETANE
36026.68	62	DICHLOROMETHANE	36075.194	57.4	2(3H)-DIHYDROFURANONE

TABLE II.- Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
36077.67	67	2(3H)-DIHYDROFURANONE	36147.01	66	FORMIC ACID, METHYL ESTER
36080.396	60	2-PROPANONE	36147.554	67	2-PROPYN-1-CL
36085.458	58.2	OXETANE	36150.10	60	THIAZOLE
36088.268	59.3	OXETANE	36150.944	64	ETHANETHIOL
36088.562	61	2(3H)-DIHYDROFURANONE	36151.90	69	ETHANETHIOL
36094.34	65	3-BUTENENITRILE	36156.341	67	2,5-DIHYDROFURAN
36095.533	62	2-PROPEN-1-OL	36156.630	59	METHANAMINE
36099.819	61	ETHANOL	36159.420	65	2-PROPANOL
36101.72	68	CIS 1,2-DICHLOROETHENE	36161.633	62	2-PROPANOL
36102.146	68	CIS 1,2-DICHLOROETHENE	36162.005	63	FORMAMIDE
36102.226	59.4	FORMIC ACID, METHYL ESTER	36166.176	66	FORMIC ACID, METHYL ESTER
36104.09	64	METHYLOXIRANE	36168.003	63	THIETANE
36104.24	68	CIS 1,2-DICHLOROETHENE	36169.255	49.6	METHANOL
36104.78	68	CIS 1,2-DICHLOROETHENE	36171.312	63	ETHANAMINE
36104.789	59.1	FORMIC ACID, METHYL ESTER	36172.706	64	DICHLOROETHYLENE
36105.596	61	ETHANOL	36173.701	64	TETRAHYDROTHIOPHENE
36107.238	64.0	2-METHYLFURAN	36173.859	63	CIS 1,2-DICHLOROETHENE
36107.99	67	1-FLUORO-4-METHYLBENZENE	36174.345	63	2-PROPEN-1-OL
36110.77	65	1-FLUORO-4-METHYLBENZENE	36175.71	62	CIS 1,2-DICHLOROETHENE
36115.122	64	2-METHYLFURAN	36175.818	67	1,1-DICHLOROETHANE
36116.89	67	1-FLUORO-4-METHYLBENZENE	36176.07	62	CIS 1,2-DICHLOROETHENE
36120.100	66	2-PROPYN-1-OL	36177.849	62	CIS 1,2-DICHLOROETHENE
36120.262	66	1,1-DICHLOROETHANE	36178.100	62	2-PROPANOL
36120.35	66	1-FLUORO-4-METHYLBENZENE	36178.43	60	THIAZOLE
36121.54	68	1-FLUORO-4-METHYLBENZENE	36179.764	64	2-PROPANONE
36127.897	67	THIETANE	36180.333	65	2-PROPANOL
36128.89	67	1-FLUORO-4-METHYLBENZENE	36180.915	62	DICHLOROMETHANE
36129.42	67	1-FLUORO-4-METHYLBENZENE	36181.400	60	DICHLOROMETHANE
36132.84	64	TETRAHYDROFURAN	36181.86	62	DICHLOROMETHANE
36134.288	58.7	OXETANE	36184.825	53.2	OXETANE
36135.64	67	OXETANE	36185.341	63	CIS 1,2-DICHLOROETHENE
36135.871	65	OXYBISMETHANE	36187.813	65	2,5-DIHYDROFURAN
36137.08	68	1-FLUORO-4-METHYLBENZENE	36188.32	49	ISOXAZOLE
36138.63	67	PROPANAL	36191.034	67	2,5-DIHYDROFURAN
36140.017	58.8	METHYLOXIRANE	36194.665	66	1,1-DICHLOROETHANE
36141.938	55.9	METHYL THIIRANE	36194.732	65	CIS 1,2-DICHLOROETHENE
36143.59	61	ETHANOL	36198.33	67	EPOXYBUTANE
36143.85	67	EPOXYBUTANE	36198.487	64	PYRROLE
36144.159	62	ETHANAMINE	36210.568	64	CIS 1,2-DICHLOROETHENE
36146.26	63	1-FLUORO-4-METHYLBENZENE	36210.719	55.3	OXETANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
36211.504	68	PROPANAL	36260.111	63	OXETANE
36212.291	68	1,2-DICHLOROETHANE	36267.198	53	PYRIDINE
36212.812	67	EPOXYBUTANE	36269.30	69	DICHLOROMETHANE
36213.901	65	2-PROPANONE	36273.78	66	METHYL SULFIDE
36216.533	63	CHLOROBENZENE	36274.520	64	METHYL SULFIDE
36216.973	61	METHYLOXIRANE	36275.25	66	METHYL SULFIDE
36220.42	66	DICHLORODIFLUOROMETHANE	36277.516	54.5	OXETANE
36220.50	67	CHLOROBENZENE	36278.459	65	2-PROPANONE
36221.16	68	CHLOROBENZENE	36279.32	67	1-PROPANOL
36223.889	59.4	2-PROPANONE	36280.059	66	OXYBISMETHANE
36224.488	60	2,5-DIHYDROFURAN	36281.444	52.2	ISOXAZOLE
36224.972	57.7	OXETANE	36282.846	65	EPOXYBUTANE
36225.57	65	2,5-DIHYDROFURAN	36284.30	64	2-PROPANONE
36226.717	66	DICHLORODIFLUOROMETHANE	36285.297	61	OXYBISMETHANE
36226.769	64	METHANAMINE	36287.002	65	DIMETHYL DISULFIDE
36227.355	63	2-PROPYN-1-OL	36288.451	64	2(3H)-DIHYDROFURANONE
36228.63	63	2,5-DIHYDROFURAN	36289.631	65	FORMIC ACID, METHYL ESTER
36229.32	61	2,5-DIHYDROFURAN	36290.730	63	ETHANAMINE
36229.688	64	OXYBISMETHANE	36290.835	66	OXYBISMETHANE
36230.752	63	2-PROPANOL	36295.090	55.6	PYRROLE
36231.647	64	METHANAMINE	36297.356	64	ACETALDEHYDE
36233.017	65	CHLOROBENZENE	36298.236	65	OXYBISMETHANE
36233.05	66	CHLORODIFLUOROMETHANE	36299.946	64	FORMIC ACID, METHYL ESTER
36233.777	64	ACETALDEHYDE	36311.22	65	CHLOROETHENE
36235.148	65	1-PROPANOL	36311.65	65	CHLOROETHENE
36236.013	59.7	THIETANE	36311.679	65	OXETANE
36236.03	65	CHLORODIFLUOROMETHANE	36313.510	65	ACETALDEHYDE
36239.219	63	3-BUTENENITRILE	36314.218	63	2-PROPYN-1-OL
36239.53	66	2-PROPANONE	36320.424	65	FORMIC ACID, METHYL ESTER
36239.842	61	CIS 1,2-DICHLOROETHENE	36320.621	62	2(3H)-DIHYDROFURANONE
36241.533	66	OXYBISMETHANE	36322.820	64	EPOXYBUTANE
36246.29	65	METHYLOXIRANE	36327.658	68	1-CHLOROPROPANE
36247.14	66	METHYLOXIRANE	36329.99	56	PYRIDINE
36248.144	53	METHANOL	36330.75	67	2-PROPENENITRILE
36248.525	64	CIS 1,2-DICHLOROETHENE	36332.785	64	1,1-DICHLOROETHANE
36250.148	68	1,2-DICHLOROETHANE	36332.896	55.5	OXETANE
36253.67	61	2-PROPANONE	36333.647	62	DICHLOROMETHANE
36254.573	66	ACETALDEHYDE	36338.100	46.9	SULFUR DIOXIDE
36256.058	58.7	1,1-DICHLOROETHANE	36338.689	66	CIS 1,2-DICHLOROETHENE
36258.001	63	ETHANETHIOL	36340.38	65	CIS 1,2-DICHLOROETHENE

TABLE II.- Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
36342.251	59.8	2-FURANCARBOXALDEHYDE	36391.546	66	1,1-DICHLOROETHANE
36342.501	67	CIS 1,2-DICHLOROETHENE	36392.891	63	2-PROPANOL
36344.138	64	2-PROPANONE	36394.080	65	CIS 1,2-DICHLOROETHENE
36346.11	66	DICHLORODIFLUOROMETHANE	36394.517	65	TETRAHYDROFURAN
36346.305	62	THIOPHENE	36395.255	62	TETRAHYDROTHIOPHENE
36346.746	65	2-PROPANONE	36396.373	62	CIS 1,2-DICHLOROETHENE
36349.506	62	METHYLOXIRANE	36396.392	64	2-PROPENAL
36349.87	65	3-BUTENENITRILE	36396.427	52	ISOXAZOLE
36356.68	67	1-CHLOROPROPANE	36397.72	62	FORMAMIDE
36356.934	65	2-FURANCARBOXALDEHYDE	36398.014	64	2-PROPANOL
36357.813	67	FURAN	36398.93	66	CIS 1,2-DICHLOROETHENE
36358.10	67	1-CHLOROPROPANE	36399.981	61	METHANAMINE
36358.57	67	1-CHLOROPROPANE	36402.089	56	ISOXAZOLE
36361.230	65	2-FURANCARBOXALDEHYDE	36403.037	65	2-PROPEN-1-OL
36363.280	60	PYRIDINE	36407.33	67	2-PROPANONE
36364.040	63	2-FURANCARBOXALDEHYDE	36408.216	65	3-BUTENENITRILE
36371.405	56.8	CARBON OXIDE SULFIDE	36410.713	52	OXETANE
36372.118	63	DICHLOROMETHANE	36411.230	66	DICHLORODIFLUOROMETHANE
36372.298	62.4	2-PROPEN-1-CL	36412.52	68	DICHLORODIFLUOROMETHANE
36373.02	63	ETHANAMINE	36413.080	61	2,5-DIHYDROFURAN
36373.43	61	2,5-DIHYDROFURAN	36417.244	54.8	ETHANOL
36374.571	63	DICHLOROMETHANE	36421.56	66	1-CHLOROPROPANE
36375.256	63	DICHLOROMETHANE	36421.982	66	1,1-DIFLUOROETHENE
36376.546	62	CIS 1,2-DICHLOROETHENE	36422.20	65	1-CHLOROPROPANE
36377.369	66	THIETANE	36425.971	64	THIETANE
36377.388	63	2-PROPEN-1-OL	36426.25	67	FORMIC ACID, METHYL ESTER
36377.568	61	ETHANOL	36426.653	64	TETRAHYDROTHIOPHENE
36377.712	63	DICHLOROMETHANE	36426.69	65	CIS 1,2-DICHLOROETHENE
36379.112	59.8	CIS 1,2-DICHLOROETHENE	36433.031	52.9	1,1-DIFLUOROETHENE
36380.002	55.6	CARBON OXIDE SULFIDE	36433.69	65	NITROMETHANE
36381.687	62	CIS 1,2-DICHLOROETHENE	36435.751	67	EPOXYBUTANE
36381.77	65	METHYLOXIRANE	36435.998	51.3	2-PROPENAL
36382.54	65	METHYLOXIRANE	36436.752	65	3-BUTENENITRILE
36384.07	65	2-PROPEN-1-OL	36437.422	64	2-PROPANOL
36385.38	65	2-PROPEN-1-CL	36437.845	58	2-PROPENAL
36387.145	67	2-FURANCARBOXALDEHYDE	36438.6	64	ETHANOL
36388.137	66	1,1-DICHLOROETHANE	36438.601	63	2,5-DIHYDROFURAN
36389.22	66	1-CHLOROPROPANE	36439.260	66	2-PROPANONE
36389.835	64	1,1-DICHLOROETHANE	36440.06	67	DICHLORODIFLUOROMETHANE
36390.35	67	1-CHLOROPROPANE	36441.847	56.2	FURAN

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
36442.64	66	OXYBISMETHANE	36488.812	37.0	CARBON OXIDE SULFIDE
36444.459	62	DICHLOROMETHANE	36488.991	63	CIS 1,2-DICHLOROETHENE
36445.376	58.8	DICHLOROMETHANE	36489.224	62	2,5-DIHYDROFURAN
36446.167	59.0	DICHLOROMETHANE	36489.395	61	ACETALDEHYDE
36448.089	67	1,2-DICHLOROETHANE	36492.1	67	ETHANOL
36449.440	61	DICHLOROMETHANE	36492.73	67	2-PROPANONE
36451.191	56.1	DICHLOROMETHANE	36494.970	61	DICHLORODIFLUOROMETHANE
36451.310	60.2	METHANAMINE	36496.239	63	2-PROPEN-1-OL
36452.81	59	METHANAMINE	36499.154	64	1,1-DIFLUOROETHENE
36452.83	68	CIS 1,2-DICHLOROETHENE	36499.206	56.4	2,5-DIHYDROFURAN
36452.832	60	DICHLOROMETHANE	36507.636	50.2	ISOXAZOLE
36454.787	60	OXYBISMETHANE	36507.96	67	2-PROPANONE
36455.652	60.0	1,1-DIFLUOROETHENE	36509.54	60	2-PROPENAL
36456.308	61	DICHLOROMETHANE	36510.437	54.7	2-PROPENAL
36456.874	60	DICHLOROMETHANE	36512.42	67	2-PROPENAL
36457.158	63	DICHLOROMETHANE	36513.39	63	CIS 1,2-DICHLOROETHENE
36457.702	64	PYRROLE	36514.02	65	CIS 1,2-DICHLOROETHENE
36457.898	60.0	DICHLOROMETHANE	36515.453	65	1-PROPANOL
36458.37	61	OXYBISMETHANE	36515.641	58.6	1,1-DIFLUOROETHENE
36458.99	61	OXYBISMETHANE	36523.115	66	1-PROPANOL
36460.522	62	3-BUTENENITRILE	36523.537	57.0	2,5-DIHYDROFURAN
36461.018	65	CIS 1,2-DICHLOROETHENE	36525.50	62	CIS 1,2-DICHLOROETHENE
36462.655	67	OXETANE	36527.228	66	OXYBISMETHANE
36462.909	59.9	OXIRANE	36527.48	69	CHLORODIFLUOROMETHANE
36466.265	59.8	2,5-DIHYDROFURAN	36529.725	64	DICHLOROMETHANE
36467.376	65	2-PROPYN-1-CL	36530.09	67	DICHLOROMETHANE
36470.479	65	2-PROPANOL	36533.252	49.0	CARBON OXIDE SULFIDE
36472.490	63	CIS 1,2-DICHLOROETHENE	36535.15	64	2-PROPENENITRILE
36478.59	66	DICHLORODIFLUOROMETHANE	36536.14	67	1,1-DICHLOROETHANE
36481.113	65	CHLORODIFLUOROMETHANE	36539.245	64	CIS 1,2-DICHLOROETHENE
36481.318	61	OXYBISMETHANE	36539.517	64	2,5-DIHYDROFURAN
36481.975	67	PROPANAL	36539.815	63	1,1-DIFLUOROETHENE
36482.399	65	DIMETHYL DISULFIDE	36540.82	66	METHYLOXIRANE
36482.89	69	1-PROPANOL	36542.286	63	METHYLOXIRANE
36482.983	63	OXYBISMETHANE	36547.695	59.0	2,5-DIHYDROFURAN
36484.18	65	CHLORODIFLUOROMETHANE	36548.175	66	ACETALDEHYDE
36484.800	65	1-PROPANOL	36549.318	61	2-PROPYN-1-CL
36484.890	61	OXYBISMETHANE	36549.62	64	OXIRANE
36486.038	63	CIS 1,2-DICHLOROETHENE	36549.654	63	2-PROPANOL
36486.286	67	2-METHYLFURAN	36551.171	65	OXYBISMETHANE

TABLE II.- Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
36561.492	65	CIS 1,2-DICHLOROETHENE	36610.49	65	ACETONITRILE
36563.558	55.6	OXETANE	36613.186	63	ACETALDEHYDE
36563.740	61	PYRIDINE	36615.267	59	CARBON OXIDE SULFIDE
36563.74	65	CIS 1,2-DICHLOROETHENE	36616.137	67	1,1-DIFLUOROETHENE
36563.87	65	METHYLOXIRANE	36617.586	67	THIETANE
36564.209	66	1,2-DICHLOROETHANE	36619.876	66	METHYL SULFIDE
36564.31	65	CIS 1,2-DICHLOROETHENE	36621.37	65	METHYL SULFIDE
36565.30	63	METHYLOXIRANE	36623.049	68	METHYL SULFIDE
36566.213	58.9	ETHANOL	36623.303	65	2-PROPYN-1-OL
36566.567	65	CIS 1,2-DICHLOROETHENE	36623.680	63	2,5-DIHYDROFURAN
36568.619	62	THIETANE	36624.948	67	DICHLOROMETHANE
36569.889	67	2-PROPYN-1-CL	36625.154	63	2-PROPANONE
36570.478	54.6	PYRROLE	36626.817	67	1,1-DICHLOROETHANE
36571.423	48.9	CARBON OXIDE SULFIDE	36626.878	63	CIS 1,2-DICHLOROETHENE
36573.549	58.1	2-PROPENAL	36629.23	68	CHLOROBENZENE
36578.134	61	PYRROLE	36632.100	55.6	1,1-DIFLUOROETHENE
36583.480	63	2-PROPEN-1-OL	36638.665	66	CIS 1,2-DICHLOROETHENE
36585.530	66	FLUOROBENZENE	36640.26	53	ISOXAZOLE
36586.470	63	CIS 1,2-DICHLOROETHENE	36641.179	62	2,5-DIHYDROFURAN
36587.85	68	2-PROPANOL	36643.888	61	CHLOROETHENE
36588.67	62	ETHANOL	36644.750	63	DIMETHYL DISULFIDE
36589.60	63	ETHANAMINE	36644.778	65	1,1-DICHLOROETHANE
36589.932	61	OXETANE	36646.695	61	2-PROPENAL
36589.95	66	ETHANAMINE	36653.335	66	CHLOROBENZENE
36590.577	62	1,1-DIFLUOROETHENE	36653.582	60	2-PROPYN-1-OL
36591.348	67	CIS 1,2-DICHLOROETHENE	36654.04	67	CHLOROBENZENE
36592.373	65	FURAN	36657.451	62	FORMIC ACID, METHYL ESTER
36594.143	64	FORMIC ACID, METHYL ESTER	36658.26	65	CHLOROBENZENE
36595.56	67	DICHLORODIFLUOROMETHANE	36658.519	63	2-PROPANOL
36596.29	68	2-PROPANONE	36658.94	65	CHLOROBENZENE
36597.11	59	METHANETHIOL	36659.580	62	FURAN
36601.030	59.7	CARBON OXIDE SULFIDE	36664.007	63	CIS 1,2-DICHLOROETHENE
36602.071	61	ACETALDEHYDE	36664.889	67	1,1-DIFLUOROETHENE
36603.30	67	2-PROPANOL	36670.851	64	FORMIC ACID, METHYL ESTER
36603.570	64	ETHYLENE GLYCOL CYCLIC SULFITE	36672.23	65	CHLOROBENZENE
36603.85	67	DICHLORODIFLUOROMETHANE	36672.79	66	CHLOROBENZENE
36605.94	67	CHLORODIFLUOROMETHANE	36674.98	68	2-PROPANOL
36608.85	61	FORMAMIDE	36675.886	66	THIETANE
36608.98	67	CHLORODIFLUOROMETHANE	36676.23	65	CHLOROBENZENE
36610.284	65	OXYBISMETHANE	36676.419	61	CIS 1,2-DICHLOROETHENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
36676.75	66	CHLOROBENZENE	36725.734	66	EPOXYBUTANE
36678.176	58.3	1,1-DICHLOROETHANE	36727.643	62	OXETANE
36678.573	63	FORMIC ACID, METHYL ESTER	36728.23	67	CHLORODIFLUOROMETHANE
36685.667	66	1,1-DIFLUOROETHENE	36729.62	67	CHLORODIFLUOROMETHANE
36688.057	64	OXETANE	36729.989	54.5	PYRIDINE
36692.97	67	CHLOROBENZENE	36730.65	66	CHLOROBENZENE
36694.320	68	DICHLOROMETHANE	36730.95	66	CHLOROBENZENE
36695.230	65	DICHLOROMETHANE	36731.93	65	PROPANAL
36696.021	65	DICHLOROMETHANE	36732.048	56.4	OXETANE
36696.38	68	1-PROPANOL	36732.221	66	CIS 1,2-DICHLOROETHENE
36698.54	63	CHLOROBENZENE	36732.900	62.6	TETRAHYDROFURAN
36698.86	63	CHLOROBENZENE	36733.097	52.9	FURAN
36699.444	66	2-PROPEN-1-CL	36733.418	65	ETHYLENE GLYCOL CYCLIC SULFITE
36700.85	64	CHLOROBENZENE	36734.807	63	CIS 1,2-DICHLOROETHENE
36701.029	62	DICHLOROMETHANE	36735.376	66	CIS 1,2-DICHLOROETHENE
36701.221	63	CHLOROBENZENE	36736.878	58.7	OXETANE
36701.421	56.0	METHYL THIRANE	36736.929	64	CHLOROBENZENE
36701.641	63	CHLOROBENZENE	36737.021	58.1	2-PROPANONE
36702.665	65	DICHLOROMETHANE	36737.414	66	CIS 1,2-DICHLOROETHENE
36704.228	62	OXETANE	36739.208	67	FORMIC ACID, METHYL ESTER
36705.586	63	2-PROPYN-1-OL	36739.32	64	CHLOROBENZENE
36706.132	66	DICHLOROMETHANE	36739.664	53.4	PROPANENITRILE
36706.284	64	2-PROPANONE	36742.45	65	2-PROPANONE
36706.699	66	DICHLOROMETHANE	36744.591	64	TETRAHYDROFURAN
36707.719	66	DICHLOROMETHANE	36745.57	66	CHLORODIFLUOROMETHANE
36708.076	64	FURAN	36746.976	64	2-PROPANOL
36708.852	63	2,5-DIHYDROFURAN	36747.05	66	CHLORODIFLUOROMETHANE
36709.86	68	CHLOROBENZENE	36747.21	67	1-PROPANOL
36711.86	64	FORMIC ACID, METHYL ESTER	36747.980	59	ETHANAMINE
36711.985	61	2-PROPYN-1-OL	36749.358	53.5	OXETANE
36717.72	66	1,1-DICHLOROETHANE	36749.794	65	ETHANETHIOL
36718.12	66	1,1-DICHLOROETHANE	36750.48	64	ETHANAMINE
36718.478	58	OXETANE	36752.784	64	CIS 1,2-DICHLOROETHENE
36719.42	68	1,1-DICHLOROETHANE	36753.729	64	DICHLOROMETHANE
36719.467	66	1-PROPANOL	36754.47	66	CHLORODIFLUOROMETHANE
36719.866	65	2-PROPENAL	36755.11	65	PROPANAL
36723.819	55	THIAZOLE	36755.211	60	CIS 1,2-DICHLOROETHENE
36724.64	56	PYRIDINE	36756.93	66	2-PROPANONE
36724.924	65	PYRROLE	36757.05	66	CHLORODIFLUOROMETHANE
36725.632	67	1,1-DICHLOROETHANE	36757.806	57	CIS 1,2-DICHLOROETHENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
36760.423	62	CIS 1,2-DICHLOROETHENE	36816.824	64	2-PROPANONE
36766.069	67	2,5-DIHYDROFURAN	36817.023	67	1-CHLOROPROPANE
36768.32	68	2-PROPANONE	36817.193	66	THIOPHENE
36769.013	61	THIETANE	36821.07	63	ETHANOL
36770.492	66	CHLOROBENZENE	36829.006	59	PYRIDINE
36770.82	65	1-CHLOROPROPANE	36830.10	61	PYRIDINE
36771.368	64	DICHLORODIFLUOROMETHANE	36833.466	64	TETRAHYDROTHIOPHENE
36772.86	66	CHLOROBENZENE	36834.612	53	ISOXAZOLE
36773.57	68	ACETONITRILE	36835.47	62	PYRIDINE
36774.431	64	2-PROPANONE	36838.07	67	2-PROPANONE
36774.967	66	DICHLOROMETHANE	36838.567	62	PYRIDINE
36775.935	64	2-PROPANOL	36841.71	67	CHLORODIFLUOROMETHANE
36776.18	69	ACETONITRILE	36842.254	64	2-PROPANOL
36777.34	66	ACETONITRILE	36844.525	64	2-PROPANOL
36778.621	67	THIETANE	36845.57	67	CHLORODIFLUOROMETHANE
36779.397	67	EPOXYBUTANE	36846.015	66	CIS 1,2-DICHLOROETHENE
36782.046	62	PYRIDINE	36846.623	62	CHLORODIFLUOROMETHANE
36782.090	53.2	OXETANE	36846.883	60	PYRIDINE
36783.330	60.1	METHYLOXIRANE	36847.816	62	CHLORODIFLUOROMETHANE
36785.478	61	2,5-DIHYDROFURAN	36847.902	64	2-PROPANOL
36787.793	65	TETRAHYDROFURAN	36848.715	62	TETRAHYDROTHIOPHENE
36791.049	59.9	SULFUR DIOXIDE	36850.043	66	FURAN
36792.561	55.6	METHANAMINE	36850.713	65	CHLOROETHENE
36792.808	64	FORMIC ACID, METHYL ESTER	36851.58	65	CHLOROETHENE
36794.37	48	ACETONITRILE	36852.955	63	2-PROPANONE
36795.536	44	ACETONITRILE	36853.024	63	THIETANE
36796.58	63	CHLOROBENZENE	36853.245	64	ETHANETHIOL
36796.92	63	CHLOROBENZENE	36856.308	62	THIOPHENE
36797.081	62	2-PROPANONE	36857.021	57.0	SULFUR DIOXIDE
36797.588	53	ACETONITRILE	36857.24	68	2-PROPANONE
36798.39	63	CHLOROBENZENE	36859.06	64	OXIRANE
36798.73	63	CHLOROBENZENE	36862.168	68	1,2-DICHLOROETHANE
36800.304	61.6	2-PROPEN-1-OL	36867.893	65	DICHLORODIFLUOROMETHANE
36805.675	55.5	METHYL THIIRANE	36868.305	63	PYRIDINE
36805.922	66	1,1-DIFLUOROETHENE	36868.459	58.6	DICHLOROMETHANE
36806.823	64	1,1-DICHLOROETHANE	36869.119	63	2-PROPANONE
36808.56	65	2-PROPEN-1-OL	36869.82	58	ACETONITRILE
36809.19	65	2-PROPEN-1-OL	36871.13	56	ACETONITRILE
36810.641	68	DICHLOROMETHANE	36872.928	50.8	PYRROLE
36813.205	64	PYRROLE	36873.577	63	PYRIDINE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
36875.11	63	OXYBISMETHANE	36907.69	62	ACETONITRILE
36875.564	63	OXYBISMETHANE	36908.295	68	CIS 1,2-DICHLOROETHENE
36876.238	64	2-PROPANONE	36908.672	65	CHLOROBENZENE
36876.572	57	OXYBISMETHANE	36909.83	68	METHYL SULFIDE
36878.082	57	ETHANOL	36910.554	68	METHYL SULFIDE
36881.31	66	FORMIC ACID, METHYL ESTER	36914.754	60	2-FURANCARBOXALDEHYDE
36885.13	60	METHANAMINE	36915.387	66	FLUOROBENZENE
36885.211	56	THIAZOLE	36916.4	64	ETHANOL
36885.508	63	2-PROPANOL	36918.883	65	FLUOROBENZENE
36886.966	64	2-PROPANOL	36920.39	68	1,1-DICHLOROETHANE
36887.926	57.8	METHYL THIIRANE	36923.965	61	2,5-DIHYDROFURAN
36888.153	62	2-PROPANOL	36924.54	66	2-FURANCARBOXALDEHYDE
36888.749	55.6	THIAZOLE	36925.869	68	CHLOROBENZENE
36889.327	62	FLUOROETHENE	36927.120	67	CHLOROBENZENE
36891.082	63	PYRIDINE	36927.526	54.8	PYRIDINE
36891.241	68	CIS 1,2-DICHLOROETHENE	36927.858	66	FORMIC ACID, METHYL ESTER
36891.456	66	CHLOROBENZENE	36929.48	64	2-FURANCARBOXALDEHYDE
36891.712	67	1,2-DICHLOROETHANE	36931.31	58	2-FURANCARBOXALDEHYDE
36892.292	63	TETRAHYDROTHIOPHENE	36933.145	68	OXYBISMETHANE
36892.706	66	CHLOROBENZENE	36933.472	64	TETRAHYDROFURAN
36894.312	64	CHLORODIFLUOROMETHANE	36933.762	58.1	2-PROPANONE
36894.873	64	CHLORODIFLUOROMETHANE	36933.880	65	THIETANE
36895.116	62	2-PROPANOL	36935.433	54.1	ISOXAZOLE
36896.30	64	2-PROPANOL	36935.817	63	2-FURANCARBOXALDEHYDE
36896.5	65	ETHANOL	36936.058	67	FORMIC ACID, METHYL ESTER
36896.842	63	2-PROPEN-1-CL	36936.856	63	DICHLOROMETHANE
36897.870	63	2-PROPANONE	36939.340	52.9	PYRIDINE
36900.573	58	FLUOROBENZENE	36940.98	58	ACETONITRILE
36902.27	60	ACETONITRILE	36941.24	64	CHLOROETHANE
36902.615	66	CIS 1,2-DICHLOROETHENE	36941.60	59	ACETONITRILE
36903.399	63	2-FURANCARBOXALDEHYDE	36941.932	63	CHLOROETHANE
36903.63	57	ACETONITRILE	36942.251	68	CHLOROBENZENE
36904.34	57	ACETONITRILE	36942.29	56	ACETONITRILE
36905.101	61	CIS 1,2-DICHLOROETHENE	36943.501	68	CHLOROBENZENE
36905.636	52.5	ACETONITRILE	36945.196	64	CHLOROETHANE
36906.05	67	CIS 1,2-DICHLOROETHENE	36945.897	63	CHLOROETHANE
36906.692	66	2-PROPEN-1-CL	36946.13	63	2-FURANCARBOXALDEHYDE
36907.416	66	CHLOROBENZENE	36947.81	63	2-FURANCARBOXALDEHYDE
36907.472	63	ETHANETHIOL	36948.726	57.4	2,5-DIHYDROFURAN
36907.603	65	CIS 1,2-DICHLOROETHENE	36949.309	66	FORMIC ACID, METHYL ESTER

TABLE II.- Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
36949.395	51	1,1-DIFLUORCETHENE	36989.731	66	2-PROPEN-1-CL
36949.95	66	2-FURANCARBOXALDEHYDE	36990.45	65	2-FURANCARBOXALDEHYDE
36951.89	68	2-PROPANONE	36992.18	63	2-FURANCARBOXALDEHYDE
36952.304	62	2-FURANCARBOXALDEHYDE	36992.75	64	2-FURANCARBOXALDEHYDE
36954.529	60.3	PYRIDINE	36994.287	52.6	PYRIDINE
36955.777	63	OXYBISMETHANE	36995.35	63	2-PROPENENITRILE
36957.010	58	2-FURANCARBOXALDEHYDE	36996.314	60	2-PROPYN-1-OL
36957.60	60	METHANAMINE	36999.608	61	PYRIDINE
36958.20	64	1,1-DICHLORCETHANE	37000.48	58	2-FURANCARBOXALDEHYDE
36958.623	63	1,1-DIFLUOROETHENE	37000.557	64	OXYBISMETHANE
36959.04	64	1,1-DICHLORCETHANE	37000.66	67	DICHLORODIFLUOROMETHANE
36959.72	64	1,1-DICHLORCETHANE	37001.164	61	2,5-DIHYDROFURAN
36962.334	63	DICHLORMETHANE	37001.457	62	PYRROLE
36964.581	61	OXETANE	37005.45	66	2-PROPANOL
36964.95	65	2-FURANCARBOXALDEHYDE	37009.475	66	1,1-DIFLUOROETHENE
36965.68	65	2-PROPEN-1-CL	37010.52	63	ACETONITRILE
36966.48	64	2-FURANCARBOXALDEHYDE	37010.63	67	2-PROPANONE
36967.10	66	1-CHLOROPROPANE	37010.884	64	1,1-DICHLOROETHANE
36967.29	65	2-FURANCARBOXALDEHYDE	37011.797	59	ACETONITRILE
36967.47	61	OXIRANE	37012.106	64	PYRIDINE
36967.72	66	1-CHLOROPROPANE	37012.463	62	CHLORODIFLUOROMETHANE
36968.103	66	2,5-DIHYDROFURAN	37013.33	65	2-FURANCARBOXALDEHYDE
36971.884	61	2-FURANCARBOXALDEHYDE	37013.559	62	CHLORODIFLUOROMETHANE
36973.39	63	2-FURANCARBOXALDEHYDE	37013.614	60	ACETONITRILE
36973.76	65	2-PROPANONE	37015.434	63	1,1-DIFLUOROETHENE
36974.35	63	2-FURANCARBOXALDEHYDE	37015.49	62	2-FURANCARBOXALDEHYDE
36974.40	64	CIS 1,2-DICHLOROETHENE	37015.61	66	CIS 1,2-DICHLOROETHENE
36974.874	63	CIS 1,2-DICHLOROETHENE	37016.417	66	2(3H)-DIHYDROFURANONE
36976.15	64	TETRAHYDROFURAN	37016.54	63	2-FURANCARBOXALDEHYDE
36977.212	64	2-PROPANONE	37016.70	66	ACETALDEHYDE
36977.89	62	2-PROPENENITRILE	37016.70	67	CIS 1,2-DICHLOROETHENE
36977.94	61	2-FURANCARBOXALDEHYDE	37018.923	49.9	2-PROPENENITRILE
36980.420	67	DICHLORMETHANE	37019.11	64	2-PROPANOL
36983.035	63	CHLOROBENZENE	37020.42	63	ETHANOL
36983.664	65	1,1-DICHLORCETHANE	37021.388	62	2-FURANCARBOXALDEHYDE
36983.826	63	CHLOROBENZENE	37022.136	62	DICHLORMETHANE
36984.33	65	2-FURANCARBOXALDEHYDE	37022.73	66	2-FURANCARBOXALDEHYDE
36987.074	62	FLUOROETHENE	37023.268	58	DICHLORMETHANE
36987.478	63	2-PROPANONE	37023.919	65	DICHLORMETHANE
36987.679	65	DICHLORMETHANE	37024.401	61	DICHLORMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
37024.838	66	ETHANETHIOL	37080.588	56.5	2-PROPENENITRILE
37025.977	54.6	THIAZOLE	37084.308	66	2,5-DIHYDROFURAN
37026.40	62	ETHANOL	37085.493	62	2-PROPEN-1-CL
37028.101	66	2,5-DIHYDROFURAN	37085.55	62	2-FURANCARBOXALDEHYDE
37029.017	65	2-PROPANONE	37086.07	62	2-FURANCARBOXALDEHYDE
37029.775	64	TETRAHYDROFURAN	37087.13	63	2-FURANCARBOXALDEHYDE
37030.139	61	ETHANOL	37088.6	65	ETHANOL
37035.731	64	2-FURANCARBOXALDEHYDE	37088.92	66	PROPANAL
37035.922	62	PYRIDINE	37089.422	63	2-FURANCARBOXALDEHYDE
37037.818	65	2-PROPEN-1-CL	37089.66	69	1-PROPANOL
37040.005	66	NITROMETHANE	37090.64	66	CIS 1,2-DICHLOROETHENE
37042.76	68	DICHLORODIFLUOROMETHANE	37091.88	68	CIS 1,2-DICHLOROETHENE
37043.250	65	2-FURANCARBOXALDEHYDE	37092.181	53	PYRIDINE
37044.666	59	METHANOL	37092.543	64	2-FURANCARBOXALDEHYDE
37051.64	68	ACETALDEHYDE	37095.857	65	2-PROPEN-1-CL
37052.10	63	OXIRANE	37096.891	60.5	2-FURANCARBOXALDEHYDE
37052.66	65	METHANOL	37097.46	65	2(3H)-DIHYDROFURANONE
37053.465	57.5	ETHANOL	37097.98	65	2(3H)-DIHYDROFURANONE
37056.300	66	2-FURANCARBOXALDEHYDE	37100.14	68	2-PROPANONE
37057.47	64	2-PROPENENITRILE	37100.731	62	2-PROPANOL
37057.702	59	2,5-DIHYDROFURAN	37102.42	67	2-FURANCARBOXALDEHYDE
37058.38	67	2-PROPANONE	37103.70	66	2-FURANCARBOXALDEHYDE
37059.229	64	CIS 1,2-DICHLOROETHENE	37103.971	62	2-PROPANOL
37061.64	68	1,1-DICHLOROETHANE	37104.290	63	2-PROPEN-1-OL
37061.687	57.5	NITROMETHANE	37104.45	63	2-FURANCARBOXALDEHYDE
37064.442	65	2-PROPANOL	37105.464	62	2-PROPANOL
37064.56	66	2-PROPENENITRILE	37106.374	54.2	2-PROPENENITRILE
37066.683	55.1	PYRIDINE	37106.802	64	CHLORODIFLUOROMETHANE
37069.090	67	CIS 1,2-DICHLOROETHENE	37106.948	64	2-FURANCARBOXALDEHYDE
37069.504	62	DICHLOROMETHANE	37107.012	68	OXYBISMETHANE
37069.729	59.0	2-FURANCARBOXALDEHYDE	37108.964	63	2-PROPANOL
37070.427	61	DICHLOROMETHANE	37110.27	65	2-FURANCARBOXALDEHYDE
37070.63	61	DICHLOROMETHANE	37110.450	64	CHLORODIFLUOROMETHANE
37071.555	62	DICHLOROMETHANE	37110.493	54	PYRIDINE
37071.77	65	CHLOROETHANE	37110.874	67	FORMIC ACID, METHYL ESTER
37071.974	60	2-FURANCARBOXALDEHYDE	37111.86	64	2-FURANCARBOXALDEHYDE
37072.62	65	CHLOROETHANE	37112.44	64	2-FURANCARBOXALDEHYDE
37073.104	63	OXYBISMETHANE	37113.437	63	DICHLOROMETHANE
37077.166	57	2-PROPYN-1-CL	37115.013	67	DICHLOROMETHANE
37080.247	62	PYRIDINE	37115.653	66	DICHLOROMETHANE

TABLE II.- Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
37116.143	66	DICHLOROMETHANE	37150.91	67	DICHLORODIFLUOROMETHANE
37116.315	67	METHYL SULFIDE	37151.901	61	DICHLOROMETHANE
37117.311	65	METHYL SULFIDE	37153.361	68	1,2-DICHLOROETHANE
37117.66	63	2-FURANCARBOXALDEHYDE	37153.814	62	FLUOROBENZENE
37118.05	65	DICHLOROMETHANE	37157.24	64	2-PROPANONE
37118.415	66	DICHLOROMETHANE	37157.800	65	1,2-DICHLOROETHANE
37119.14	64	DICHLOROMETHANE	37159.04	62	2-PROPENENITRILE
37119.459	65	DICHLOROMETHANE	37162.305	65	1,2-DICHLOROETHANE
37119.877	64	DICHLOROMETHANE	37164.804	61	ETHANOL
37122.709	63	DICHLOROMETHANE	37166.966	53.6	OXETANE
37124.195	66	2-FURANCARBOXALDEHYDE	37168.759	64	TETRAHYDROFURAN
37124.228	59	FLUOROBENZENE	37169.068	64	FLUOROBENZENE
37127.34	66	2-FURANCARBOXALDEHYDE	37169.90	66	1-CHLOROPROPANE
37128.957	63	2-FURANCARBOXALDEHYDE	37170.104	61	ETHANOL
37129.640	66	1,1-DIFLUOROETHENE	37170.578	64	1,1-DICHLOROCETHANE
37130.824	62	DICHLOROMETHANE	37170.990	65	1-CHLOROPROPANE
37131.571	62	2-PROPANONE	37176.59	62	PROPANAL
37131.957	64	2-FURANCARBOXALDEHYDE	37177.507	67	EPOXYBUTANE
37135.185	61	DICHLOROMETHANE	37178.89	64	1-CHLOROPROPANE
37135.577	66	CHLOROETHENE	37182.106	63	FORMIC ACID, METHYL ESTER
37135.665	61	PYRIDINE	37182.42	68	OXYBISMETHANE
37137.390	61	CIS 1,2-DICHLOROETHENE	37183.65	60	PYRIDINE
37138.726	61	THIETANE	37184.30	66	1-CHLOROPROPANE
37139.47	66	2-FURANCARBOXALDEHYDE	37185.52	67	1-CHLOROPROPANE
37139.548	62	DICHLOROMETHANE	37187.408	66	DICHLOROMETHANE
37139.923	57	FLUOROBENZENE	37188.436	63	2-PROPANOL
37140.08	61	1,1-DICHLOROETHANE	37189.50	55	FORMAMIDE
37140.76	65	2-FURANCARBOXALDEHYDE	37190.994	66	1,1-DICHLOROETHANE
37140.86	63	1,1-DICHLOROETHANE	37191.951	59.2	2-PROPENENITRILE
37141.285	63	2-PROPANOL	37192.764	67	METHYL SULFIDE
37142.165	63	OXYBISMETHANE	37195.935	68	1,2-DICHLOROETHANE
37143.415	65	1-PROPANOL	37199.402	63	1,1-DIFLUOROETHENE
37143.43	68	1-CHLOROPROPANE	37204.273	63	2-PROPANOL
37143.534	51.8	ISOXAZOLE	37205.46	65	1-CHLOROPROPANE
37144.60	67	1-CHLOROPROPANE	37206.03	65	1-CHLOROPROPANE
37145.05	67	2-PROPANONE	37207.559	65	ACETALDEHYDE
37148.097	67	2,5-DIHYDROFURAN	37209.30	66	1-CHLOROPROPANE
37149.73	65	DICHLORODIFLUOROMETHANE	37209.652	61	FORMIC ACID, METHYL ESTER
37149.965	66	OXYBISMETHANE	37210.58	64	1-CHLOROPROPANE
37150.086	64	TETRAHYDROFURAN	37211.70	65	3-BUTENENITRILE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
37211.86	64	1-CHLOROPROPANE	37261.223	63	OXYBISMETHANE
37212.119	61	METHYLOXIRANE	37261.372	63	FORMAMIDE
37214.42	61	1-CHLOROPROPANE	37262.453	52	1,1-DIFLUORCETHENE
37215.64	61	1-CHLOROPROPANE	37263.863	61	OXYBISMETHANE
37216.304	67	2(3H)-DIHYDROFURANONE	37264.466	50.0	ISOXAZOLE
37218.17	64	1-CHLOROPROPANE	37264.499	64	DICHLOROMETHANE
37219.27	67	1-CHLOROPROPANE	37266.497	62	OXYBISMETHANE
37219.519	66	OXYBISMETHANE	37266.6	65	ETHANOL
37220.04	65	2-PROPANONE	37267.030	60	1,1-DIFLUORCETHENE
37221.022	64	TETRAHYDROFURAN	37267.949	64	DICHLOROMETHANE
37223.10	67	1,1-DICHLORCETHANE	37268.86	63	2-PROPANONE
37223.315	64	2-PROPANONE	37272.369	63	2-PROPANOL
37226.337	60	PYRIDINE	37272.560	63	1,1-DICHLOROETHANE
37229.218	62	CHLOROBENZENE	37272.63	65	2-PROPANONE
37229.852	61	2,5-DIHYDROFURAN	37274.361	65	1,1-DICHLOROETHANE
37230.070	62	CHLOROBENZENE	37276.087	63	PYRROLE
37230.4	67	ETHANOL	37279.22	67	1-CHLOROPROPANE
37230.938	62	2-PROPANOL	37279.297	59.4	2,5-DIHYDROFURAN
37233.52	66	METHANOL	37279.472	68	1,2-DICHLOROETHANE
37233.59	60	METHANAMINE	37279.66	64	2-PROPEN-1-CL
37237.32	65	1-CHLOROPROPANE	37281.592	66	2-PROPEN-1-CL
37238.216	48.9	THIIRANE	37281.856	55.6	THIIRANE
37238.217	48.7	THIIRANE	37290.356	68	1,2-DICHLORCETHANE
37239.96	68	1-PROPANOL	37293.324	65	2-PROPENE-1-THIOL
37241.226	66	1-CHLOROPROPANE	37293.326	57.2	METHANETHIOL
37244.462	56.8	2,5-DIHYDROFURAN	37294.370	61	PYRIDINE
37247.265	65	FLUOROBENZENE	37298.56	67	FORMIC ACID, METHYL ESTER
37247.632	55.7	2-PROPYN-1-CL	37298.745	65	2,5-DIHYDROFURAN
37248.73	66	1-CHLOROPROPANE	37300.553	62	DICHLORODIFLUCROMETHANE
37249.99	64	1-CHLOROPROPANE	37302.102	64	EPOXYBUTANE
37250.522	65	THIOPHENE	37310.518	62	2-PROPYN-1-OL
37250.853	52.3	2,5-DIHYDROFURAN	37323.056	65	2,5-DIHYDROFURAN
37252.355	54.3	THIAZOLE	37323.849	67	CHLOROETHENE
37252.54	64	1-CHLOROPROPANE	37325.45	67	DICHLORODIFLUCROMETHANE
37253.67	65	1-CHLOROPROPANE	37326.695	66	2-PROPEN-1-CL
37253.925	52.2	PYRIDINE	37328.837	42.4	OXIRANE
37258.832	64	1,1-DIFLUORCETHENE	37329.783	68	EPOXYBUTANE
37259.694	66	FORMAMIDE	37332.30	66	FLUOROBENZENE
37260.480	63	2-PROPANONE	37332.42	68	DICHLORODIFLUOROMETHANE
37261.178	61	2,5-DIHYDROFURAN	37333.543	49.8	ISOXAZOLE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
37333.919	58.5	METHYLOXIRANE	37372.215	61	2,5-DIHYDROFURAN
37337.562	59.7	1,1-DIFLUOROETHENE	37372.915	64	2-PROPANONE
37337.599	61	DICHLOROMETHANE	37373.01	64	2(3H)-DIHYDROFURANONE
37337.79	65	2(3H)-DIHYDROFURANONE	37373.046	65	1,1-DIFLUOROETHENE
37339.185	59	DICHLOROMETHANE	37373.926	62	PYRIDINE
37340.751	61	DICHLOROMETHANE	37374.037	66	1,2-DICHLOROCETHANE
37343.085	65	THIETANE	37374.786	65	1,1-DIFLUOROETHENE
37345.43	64	TETRAHYDROFURAN	37375.19	62	2(3H)-DIHYDROFURANONE
37345.666	64	2(3H)-DIHYDROFURANONE	37375.482	61	FLUOROETHENE
37346.969	67	1,1-DIFLUOROETHENE	37377.291	55	PYRIDINE
37347.44	66	2-PROPANOL	37379.612	66	1,1-DIFLUOROETHENE
37348.59	67	DICHLORODIFLUOROMETHANE	37380.89	67	2(3H)-DIHYDROFURANONE
37348.679	57.3	FURAN	37383.25	62	ETHANOL
37349.621	52.2	OXETANE	37384.031	62	1,1-DIFLUOROETHENE
37349.89	66	DICHLORODIFLUOROMETHANE	37385.067	63	FLUOROBENZENE
37350.49	64	2-PROPEN-1-CL	37385.138	50.1	AMMONIA
37350.74	58	DICHLORODIFLUOROMETHANE	37385.99	68	2(3H)-DIHYDROFURANONE
37351.582	60	FLUOROBENZENE	37388.504	61	ETHANOL
37351.807	44.9	SULFUR DIOXIDE	37394.05	66	2(3H)-DIHYDROFURANONE
37352.14	67	EPICLOROBUTANE	37395.407	61	ETHANOL
37352.37	67	2(3H)-DIHYDROFURANONE	37395.53	61	1,1-DIFLUOROETHENE
37352.690	59.7	2-PROPANONE	37397.624	64	THIETANE
37352.787	66	2-CHLOROPROPANE	37398.083	66	1,1-DICHLOROCETHANE
37354.743	53.4	PYRIDINE	37398.273	57.4	FLUOROBENZENE
37354.811	64	2-CHLOROPROPANE	37399.722	65	DICHLOROMETHANE
37355.32	68	1,1-DICHLOROETHANE	37401.09	61	2-PROPANOL
37355.47	60	2(3H)-DIHYDROFURANONE	37401.59	60	2-PROPANOL
37355.758	62	2-PROPANOL	37402.18	67	2-PROPANONE
37359.692	63	2-PROPANOL	37402.71	67	2(3H)-DIHYDROFURANONE
37360.747	54.3	OXETANE	37403.64	67	2-PROPEN-1-CL
37361.059	55.3	FLUOROETHENE	37403.961	67	1,1-DIFLUOROETHENE
37361.52	67	CIS 1,2-DICHLOROETHENE	37403.987	59.0	1,1-DICHLOROETHANE
37361.715	59	METHYLOXIRANE	37404.60	61	2-PROPANOL
37362.184	64	CIS 1,2-DICHLOROETHENE	37405.16	62	2-PROPANOL
37362.25	61	OXETANE	37406.39	64	3-BUTENENITRILE
37362.86	66	CIS 1,2-DICHLOROETHENE	37406.494	66	FORMAMIDE
37363.739	65	THIETANE	37408.343	54.3	PYRIDINE
37364.372	54.9	2,5-DIHYDROFURAN	37409.10	66	1,1-DICHLOROETHANE
37367.29	66	2(3H)-DIHYDROFURANONE	37409.943	64	METHANETHICL
37367.538	65	TETRAHYDROTHIOPHENE	37410.512	61	METHANOL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
37410.593	63	1,1-DICHLOROETHANE	37450.381	66	1,1-DIFLUORCETHENE
37411.291	65	FLUOROBENZENE	37451.828	65	3-BUTENENITRILE
37411.362	65	2-PROPANONE	37452.191	66	DICHLOROMETHANE
37411.73	62	2(3H)-DIHYDROFURANONE	37452.865	66	THIETANE
37412.128	67	FURAN	37453.91	66	2(3H)-DIHYDROFURANONE
37412.154	65	1,1-DICHLORCETHANE	37454.511	63	ETHANETHIOL
37413.393	67	1,2-DICHLOROETHANE	37455.20	64	2(3H)-DIHYDROFURANONE
37414.916	53	1,1-DIFLUORCETHENE	37455.455	66	1,1-DICHLOROETHANE
37416.425	53.0	1,1-DIFLUORCETHENE	37457.637	65	2-METHYLFURAN
37417.563	67	CIS 1,2-DICHLORCETHENE	37458.1	74	ETHANOL
37417.928	68	OXYBISMETHANE	37458.461	50.5	1,1-DIFLUORCETHENE
37419.012	55	FURAN	37459.715	66	2(3H)-DIHYDROFURANONE
37419.14	58	PYRIDINE	37459.818	61	3-BUTENENITRILE
37420.236	67	2,5-DIHYDROFURAN	37460.4	67	ETHANOL
37420.69	67	2(3H)-DIHYDROFURANONE	37460.599	54.4	OXETANE
37421.85	66	2(3H)-DIHYDROFURANONE	37462.318	50.2	1,1-DIFLUORCETHENE
37422.92	68	FORMAMIDE	37464.213	54.4	ACETALDEHYDE
37422.985	65	ACETALDEHYDE	37465.289	51.7	ISOXAZOLE
37423.371	64	TETRAHYDROFURAN	37466.711	65	2,5-DIHYDROFURAN
37424.052	59	2(3H)-DIHYDROFURANONE	37470.57	65	1,1-DICHLOROETHANE
37425.024	65	TETRAHYDROTHIOPHENE	37471.133	66	FORMIC ACID, METHYL ESTER
37426.299	54	1,1-DIFLUORCETHENE	37471.881	62	1,1-DICHLOROETHANE
37429.70	68	2-PROPANONE	37473.17	64	1,1-DICHLOROETHANE
37432.84	66	2-PROPANONE	37474.341	63	1,1-DIFLUORCETHENE
37434.737	60.5	1,1-DIFLUORCETHENE	37474.36	67	2-PROPANONE
37434.754	64	2(3H)-DIHYDROFURANONE	37477.739	65	2-METHYLFURAN
37437.43	59	METHANETHIOL	37478.574	61	OXETANE
37437.616	65	DICHLORODIFLUOROMETHANE	37480.896	55.2	1,1-DIFLUORCETHENE
37438.07	66	2-PROPEN-1-CL	37481.946	65	EPOXYBUTANE
37438.514	62	2-PROPANOL	37482.06	65	PYRROLE
37443.32	64	2(3H)-DIHYDROFURANONE	37482.74	66	PYRROLE
37444.736	52	1,1-DIFLUORCETHENE	37482.901	59	2,5-DIHYDROFURAN
37445.84	64	2(3H)-DIHYDROFURANONE	37483.055	50.6	ISOXAZOLE
37445.99	66	1,1-DICHLOROETHANE	37484.530	66	1,1-DIFLUORCETHENE
37446.18	62	1,1-DIFLUORCETHENE	37484.78	65	2,5-DIHYDROFURAN
37447.40	67	1,1-DICHLORCETHANE	37485.763	64	TETRAHYDROFURAN
37448.656	66	ACETALDEHYDE	37486.245	58.4	OXETANE
37449.117	57.3	2,5-DIHYDROFURAN	37486.560	66	1,1-DIFLUORCETHENE
37450.136	62.1	2-PROPEN-1-CL	37492.10	63	OXIRANE
37450.222	63	PYRIDINE	37492.153	66	1,1-DIFLUORCETHENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
37493.092	60	2(3H)-DIHYDROFURANONE	37528.550	59.8	PYRIDINE
37493.2	67	ETHANOL	37530.76	67	CHLORODIFLUOROMETHANE
37493.427	66	2-PROPANONE	37532.25	68	2-PROPEN-1-OL
37494.78	67	PROPANAL	37532.434	61	2-FURANCARBOXALDEHYDE
37495.637	65	1,1-DIFLUORCETHENE	37532.934	60	FLUOROBENZENE
37496.804	66	FURAN	37533.05	66	2-PROPEN-1-CL
37498.456	57.8	1,1-DIFLUORCETHENE	37533.449	65	CIS 1,2-DICHLOROETHENE
37500.007	60	2-FURANCARBOXALDEHYDE	37533.679	63	OXYBISMETHANE
37500.642	63	1,1-DICHLORCETHANE	37534.172	65	METHYL SULFIDE
37501.90	64	METHANOL	37534.475	64	DICHLOROMETHANE
37503.44	65	CIS 1,2-DICHLOROETHENE	37535.02	64	2-FURANCARBOXALDEHYDE
37504.194	63	2-PROPYN-1-CL	37535.675	65	2-FURANCARBOXALDEHYDE
37506.832	59	CIS 1,2-DICHLOROETHENE	37535.793	58.6	OXYBISMETHANE
37507.945	63	2-PROPANOL	37536.890	62	2-PROPANOL
37509.961	62	2-PROPANOL	37537.919	63	OXYBISMETHANE
37510.278	64	CIS 1,2-DICHLOROETHENE	37538.591	66	2,5-DIHYDROFURAN
37511.814	67	1,2-DICHLORCETHANE	37540.397	63	2-PROPANOL
37512.086	65	2-PROPANOL	37540.572	63	FLUOROBENZENE
37512.40	65	2(3H)-DIHYDROFURANONE	37540.867	60	1,1-DIFLUORCETHENE
37513.253	55.6	OXETANE	37542.21	63	1,1-DIFLUORCETHENE
37513.61	64	2(3H)-DIHYDROFURANONE	37545.051	62	DICHLOROMETHANE
37514.109	66	1-CHLOROPROPANE	37545.092	66	METHYLOXIRANE
37514.29	65	2(3H)-DIHYDROFURANONE	37547.020	57.2	DICHLOROMETHANE
37514.577	64	2-FURANCARBOXALDEHYDE	37548.981	61	DICHLOROMETHANE
37514.580	55.6	1,1-DIFLUORCETHENE	37550.983	64	2-PROPANOL
37515.319	58	ACETALDEHYDE	37551.427	64	2-FURANCARBOXALDEHYDE
37515.39	67	OXETANE	37552.167	57.0	FLUOROETHENE
37516.64	66	2(3H)-DIHYDROFURANONE	37555.681	59.6	2-PROPANONE
37517.998	67	OXYBISMETHANE	37556.060	63	1,1-DIFLUOROETHENE
37519.20	66	2-PROPANOL	37557.146	68	2-FURANCARBOXALDEHYDE
37520.576	61	2-PROPANOL	37562.345	52.3	PYRIDINE
37521.043	63	2-FURANCARBOXALDEHYDE	37562.83	61	2(3H)-DIHYDROFURANONE
37521.059	67	EPOXYBUTANE	37563.707	58	METHANAMINE
37521.492	65	1,1-DIFLUORCETHENE	37565.057	63	2-PROPANOL
37521.794	67	FORMIC ACID, METHYL ESTER	37566.518	61	ETHANOL
37522.879	60.4	2,5-DIHYDROFURAN	37566.91	63	FORMAMIDE
37524.976	65	EPOXYBUTANE	37567.781	60	FORMAMIDE
37525.207	61	SULFUR DIOXIDE	37568.199	52.7	PYRROLE
37525.677	59.5	ETHANOL	37568.551	62	2-FURANCARBOXALDEHYDE
37527.735	58	2-FURANCARBOXALDEHYDE	37568.789	61	ETHANOL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
37571.152	67	OXYBISMETHANE	37613.033	63	DICHLOROMETHANE
37571.487	65	1,1-DIFLUOROETHENE	37613.56	68	DICHLORODIFLUOROMETHANE
37573.416	66	2-FURANCARBONALDEHYDE	37613.572	59.2	OXIRANE
37574.47	67	1-PROPANOL	37616.083	63	DICHLOROMETHANE
37576.860	65	1,1-DICHLOROETHANE	37616.553	63	DICHLOROMETHANE
37578.909	67	CIS 1,2-DICHLOROETHENE	37616.828	62	DICHLOROMETHANE
37580.918	59.1	2,5-DIHYDROFURAN	37617.396	63	DICHLOROMETHANE
37580.950	63	1,1-DIFLUOROETHENE	37618.012	61	CIS 1,2-DICHLOROETHENE
37584.13	64	2(3H)-DIHYDROFURANONE	37626.145	67	THIETANE
37584.80	64	2(3H)-DIHYDROFURANONE	37627.769	65	1,1-DIFLUOROETHENE
37586.08	66	2-PROPANONE	37629.751	63	OXYBISMETHANE
37587.692	62	1,1-DIFLUOROETHENE	37631.883	59.4	THIETANE
37588.25	58	OXETANE	37634.63	63	1-CHLOROPROPANE
37588.562	67	CIS 1,2-DICHLOROETHENE	37635.88	67	2-PROPANONE
37588.765	64	2,5-DIHYDROFURAN	37643.90	65	EPOXYBUTANE
37588.81	58	OXETANE	37649.398	64	1,1-DIFLUOROETHENE
37589.31	67	METHANOL	37653.429	60.4	OXETANE
37591.195	66	2-FURANCARBONALDEHYDE	37654.275	61	ETHANOL
37592.627	62	1,1-DIFLUOROETHENE	37657.081	63	CIS 1,2-DICHLOROETHENE
37594.15	65	2-PROPEN-1-CL	37658.848	66	NITROMETHANE
37594.84	65	2-PROPEN-1-CL	37658.99	62	2-PROPEN-1-OL
37596.903	64	1-CHLOROPROPANE	37659.63	63	CIS 1,2-DICHLOROETHENE
37599.049	67	2-PROPEN-1-CL	37659.833	61	ETHANOL
37599.205	61	PYRIDINE	37659.902	66	1-CHLOROPROPANE
37599.755	57.6	PYRROLE	37660.18	66	PROPANAL
37601.807	60	2-PROPANOL	37660.31	63	CIS 1,2-DICHLOROETHENE
37602.109	66	EPOXYBUTANE	37662.867	63	CIS 1,2-DICHLOROETHENE
37604.759	65	TETRAHYDROFURAN	37663.038	65	TETRAHYDROFURAN
37605.373	64	DICHLOROMETHANE	37663.740	66	1,1-DICHLOROETHANE
37605.40	68	CIS 1,2-DICHLOROETHENE	37663.92	68	1-CHLOROPROPANE
37606.16	61	DICHLOROMETHANE	37667.494	64	OXYBISMETHANE
37606.776	62	DICHLOROMETHANE	37668.62	67	2-PROPANONE
37609.573	52	1,1-DIFLUOROETHENE	37669.221	57.6	OXIRANE
37609.705	64	DICHLOROMETHANE	37673.007	68	FORMIC ACID, METHYL ESTER
37609.944	64	CIS 1,2-DICHLOROETHENE	37674.02	69	1-PROPANOL
37610.36	65	2-FURANCARBONALDEHYDE	37674.11	68	2-PROPANOL
37610.81	61	DICHLOROMETHANE	37674.685	62	1,1-DICHLOROETHANE
37611.17	62	DICHLOROMETHANE	37680.900	57	OXIRANE
37611.729	63	DICHLOROMETHANE	37682.067	60	2-PROPANOL
37612.05	61	DICHLOROMETHANE	37684.498	65	1-PROPANOL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
37685.483	66	1-PROPANOL	37748.09	65	CHLORODIFLUOROMETHANE
37686.96	55	ACETALDEHYDE	37749.06	66	2-PROPEN-1-OL
37686.98	67	DICHLOROMETHANE	37749.83	65	CHLORODIFLUOROMETHANE
37687.454	65	DICHLOROMETHANE	37757.924	52.1	ISOXAZOLE
37687.92	67	DICHLOROMETHANE	37759.341	59.3	1,1-DIFLUOROETHENE
37690.962	57.9	2,5-DIHYDROFURAN	37761.249	59.7	2-PROPANOL
37691.4	64	ETHANOL	37761.80	63	2-PROPANONE
37691.612	65	DICHLORODIFLUOROMETHANE	37762.760	66	OXETANE
37698.906	64	1,1-DICHLOROETHANE	37764.099	59.4	METHYLOXIRANE
37702.28	66	ACETALDEHYDE	37766.18	60	2-PROPANOL
37703.704	51	METHANOL	37766.851	64	CIS 1,2-DICHLOROETHENE
37703.896	65	FLUOROETHENE	37766.9	64	ETHANOL
37704.590	62	TETRAHYDROFURAN	37767.527	60	2-PROPANOL
37708.510	54	PYRIDINE	37768.311	64	PYRROLE
37708.555	60.4	ACETALDEHYDE	37769.34	65	CIS 1,2-DICHLOROETHENE
37710.60	66	METHYLOXIRANE	37770.02	66	CIS 1,2-DICHLOROETHENE
37710.841	64	TETRAHYDROFURAN	37770.072	65	2-FURANCARBOXALDEHYDE
37711.492	63	2,5-DIHYDROFURAN	37772.490	66	CIS 1,2-DICHLOROETHENE
37712.080	63	OXETANE	37772.83	67	2-PROPANONE
37718.921	62	2-PROPANOL	37772.9	67	ETHANOL
37719.20	63	ETHANOL	37775.589	67	2-PROPEN-1-OL
37719.322	57	OXETANE	37777.417	67	2-BUTENAL
37720.046	67	CIS 1,2-DICHLOROETHENE	37779.716	66	EPOXYBUTANE
37720.07	64	NITROETHANE	37779.907	54.3	FURAN
37722.775	64	2-PROPANOL	37780.36	62	ETHANOL
37722.819	65	DICHLORODIFLUOROMETHANE	37780.702	44.4	OXIRANE
37722.89	65	CIS 1,2-DICHLOROETHENE	37781.276	65	2,5-DIHYDROFURAN
37723.04	67	DICHLORODIFLUOROMETHANE	37781.662	58	ETHANAMINE
37723.62	65	CIS 1,2-DICHLOROETHENE	37783.94	69	1-PROPANOL
37724.241	65	OXYBISMETHANE	37784.981	55	PYRIDINE
37725.18	63	ETHANOL	37786.03	62	PYRIDINE
37725.452	65	2-PROPANONE	37786.337	67	2-PROPEN-1-OL
37726.441	66	CIS 1,2-DICHLOROETHENE	37787.56	62	PYRIDINE
37736.537	66	EPOXYBUTANE	37788.608	63	2-FURANCARBOXALDEHYDE
37738.613	68	DICHLOROMETHANE	37789.396	51.3	ISOXAZOLE
37738.646	64	OXYBISMETHANE	37789.409	67	PROPANAL
37738.994	66	2(3H)-DIHYDROFURANONE	37789.864	65	2-PROPANONE
37739.181	63	2-PROPEN-1-OL	37792.399	61	1,1-DIFLUOROETHENE
37741.08	67	CIS 1,2-DICHLOROETHENE	37792.583	67	CIS 1,2-DICHLOROETHENE
37744.293	64	ETHANAMINE	37793.240	63	2-PROPANONE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
37795.568	64	2-PROPEN-1-CL	37847.90	66	2-PROPANONE
37796.583	60	PYRIDINE	37848.480	66	EPOXYBUTANE
37797.42	63	EPOXYBUTANE	37849.45	66	2-PROPANONE
37804.25	66	EPOXYBUTANE	37849.469	62	ACETALDEHYDE
37805.727	57	2-BUTENAL	37850.15	65	2-FURANCARBOXALDEHYDE
37807.950	65	2-PROPYN-1-OL	37850.817	64	1,1-DICHLORCETHANE
37808.57	65	2-PROPANOL	37850.959	61	2-FURANCARBOXALDEHYDE
37808.983	54.8	FURAN	37851.43	67	ACETALDEHYDE
37809.28	66	DICHLORODIFLUORCMETHANE	37851.441	60	2-PROPENENITRILE
37810.420	66	2-FURANCARBOXALDEHYDE	37852.353	65	OXYBISMETHANE
37810.7	68	ETHANOL	37852.96	67	1,1-DICHLOROETHANE
37813.760	67	OXYBISMETHANE	37854.183	59	OXYBISMETHANE
37813.869	64	1,1-DICHLORCETHANE	37854.714	60	METHANAMINE
37814.377	65	2-PROPEN-1-OL	37855.483	63	OXYBISMETHANE
37814.702	62	2-BUTENAL	37856.821	65	ACETALDEHYDE
37815.355	63	OXYBISMETHANE	37856.888	56.3	PYRIDINE
37815.405	58	2-FURANCARBOXALDEHYDE	37857.635	67	2-PROPEN-1-OL
37815.754	65	2-PROPEN-1-CL	37857.893	64	2-BUTENAL
37817.32	62	2-FURANCARBOXALDEHYDE	37858.610	59	2-FURANCARBOXALDEHYDE
37821.196	65	ACETALDEHYDE	37858.667	63	OXYBISMETHANE
37821.886	65	2-BUTENAL	37858.776	61	PYRIDINE
37823.108	54	PYRIDINE	37859.20	67	DICHLOROMETHANE
37823.658	64	2-PROPANOL	37859.99	58	OXYBISMETHANE
37823.946	62	2-FURANCARBOXALDEHYDE	37860.322	63	CHLORODIFLUORCMETHANE
37826.096	65	TETRAHYDROTHIOPHENE	37860.865	64	CHLORODIFLUORCMETHANE
37828.45	66	DICHLORODIFLUORCMETHANE	37863.076	62	EPOXYBUTANE
37828.840	64	2-BUTENAL	37863.126	67	2-BUTENAL
37828.92	66	2-FURANCARBOXALDEHYDE	37863.92	67	DICHLOROMETHANE
37831.874	52.8	PYRROLE	37865.17	67	DICHLORCMETHANE
37832.543	64	TETRAHYDROFURAN	37866.122	60	2-FURANCARBOXALDEHYDE
37839.078	59.4	2-PROPANOL	37866.429	63	TETRAHYDROFURAN
37839.37	66	1,1-DICHLOROETHANE	37868.35	68	CIS 1,2-DICHLOROETHENE
37839.563	51.7	ISCAZOLE	37868.899	67	2-PROPEN-1-CL
37839.737	54.3	FLUOROETHENE	37870.554	67	EPOXYBUTANE
37840.752	63	2-FURANCARBOXALDEHYDE	37871.247	65	1,1-DIFLUOROETHENE
37842.314	63	2-PROPANOL	37874.180	66	1,2-DICHLORCETHANE
37842.328	52	PYRIDINE	37875.346	61	PYRROLE
37846.859	65	OXYBISMETHANE	37875.641	62	2-FURANCARBOXALDEHYDE
37847.217	64	TETRAHYDROTHIOPHENE	37877.910	58.1	DICHLORCMETHANE
37847.682	67	METHYL SULFIDE	37878.158	64	2-FURANCARBOXALDEHYDE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
37879.394	61	ETHANOL	37914.647	66	ACETALDEHYDE
37881.20	63	2(3H)-DIHYDROFURANONE	37915.07	66	1,1,1-TRICHLOROETHANE
37881.236	67	CHLOROETHANE	37915.316	58.3	2-PROPANOL
37881.508	63	CIS 1,2-DICHLOROETHENE	37919.111	67	CIS 1,2-DICHLOROETHENE
37882.13	65	2(3H)-DIHYDROFURANONE	37919.764	54.4	ISOXAZOLE
37883.331	67	CHLOROETHANE	37925.62	63	CIS 1,2-DICHLOROETHENE
37883.343	64	2-FURANCARBOXALDEHYDE	37926.24	66	CIS 1,2-DICHLOROETHENE
37883.42	64	2(3H)-DIHYDROFURANONE	37926.68	63	EPOXYBUTANE
37884.327	61	PYRIDINE	37927.585	65	DICHLORODIFLUOROMETHANE
37884.456	61	ETHANOL	37929.187	63	OXYBISMETHANE
37884.52	67	CIS 1,2-DICHLOROETHENE	37930.88	61	2(3H)-DIHYDROFURANONE
37884.710	65	2-FURANCARBOXALDEHYDE	37931.154	63	2-FURANCARBOXALDEHYDE
37884.95	66	CIS 1,2-DICHLOROETHENE	37931.325	53	PYRIDINE
37885.347	68	2-OXO-PROPANAL	37935.47	68	CHLORODIFLUOROMETHANE
37885.364	66	1-PROPANOL	37936.506	68	CIS 1,2-DICHLOROETHENE
37887.497	55.5	2,5-DIHYDROFURAN	37936.640	68	1-CHLOROPROPANE
37888.01	64	2-FURANCARBOXALDEHYDE	37937.420	62	EPOXYBUTANE
37890.449	63	2-BUTENAL	37937.70	68	CHLORODIFLUOROMETHANE
37890.981	64	2-PROPANOL	37938.023	66	1,2-DICHLOROETHANE
37891.469	63	2-BUTENAL	37938.678	65	METHANAMINE
37892.356	64	2-PROPENAL	37939.76	68	CHLORODIFLUOROMETHANE
37892.74	63	CHLORODIFLUOROMETHANE	37939.806	61	EPOXYBUTANE
37893.599	56.6	PYRROLE	37939.818	51	2-PROPENENITRILE
37894.847	65	OXYBISMETHANE	37941.812	63	2-PROPANOL
37895.606	64	OXETANE	37942.01	68	CHLORODIFLUOROMETHANE
37895.64	64	CHLORODIFLUOROMETHANE	37943.258	56.2	2(3H)-DIHYDROFURANONE
37896.742	63	OXYBISMETHANE	37944.069	62	PYRIDINE
37896.778	64	EPOXYBUTANE	37944.112	65	EPOXYBUTANE
37898.08	64	TETRAHYDROFURAN	37944.596	64	2-FURANCARBOXALDEHYDE
37900.261	62	METHYLOXIRANE	37946.33	62	ETHYLENE GLYCOL CYCLIC SULFITE
37900.932	64	TETRAHYDROFURAN	37946.585	63	TETRAHYDROTHIOPHENE
37902.11	66	2(3H)-DIHYDROFURANONE	37947.480	63	2,5-DIHYDROFURAN
37903.386	65	2-PROPANONE	37947.59	63	2(3H)-DIHYDROFURANONE
37904.853	48.7	2-PROPENENITRILE	37947.92	65	ETHYLENE GLYCOL CYCLIC SULFITE
37905.483	67	2-CHLOROPROPANE	37948.665	49.8	1,1-DIFLUOROETHENE
37907.362	67	2-CHLOROPROPANE	37948.88	61	PYRIDINE
37908.751	65	1,1,1-TRICHLOROETHANE	37949.12	60	2(3H)-DIHYDROFURANONE
37909.469	59.3	EPOXYBUTANE	37952.103	59.6	FLUOROETHENE
37909.758	62	PYRIDINE	37952.99	52	2-PROPENENITRILE
37914.43	64	2-PROPENENITRILE	37955.48	61	1,1,1-TRICHLOROETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
37955.639	55	2-PROPENENITRILE	38003.506	53.1	ISOXAZOLE
37956.07	63	TETRAHYDROFURAN	38004.416	60	CHLOROBENZENE
37956.96	64	METHANAMINE	38006.760	56.3	OXETANE
37957.092	66	CIS 1,2-DICHLOROETHENE	38007.620	67	OXYBISMETHANE
37957.332	62	OXETANE	38008.007	65	ETHANAMINE
37957.69	68	CIS 1,2-DICHLOROETHENE	38008.092	60	PYRIDINE
37959.68	63	2-PROPENENITRILE	38009.031	64	2-PROPEN-1-CL
37961.532	54.7	PYRIDINE	38009.10	64	OXETANE
37964.85	67	2-PROPENENITRILE	38009.239	63	EPOXYBUTANE
37965.175	63	ETHANETHICL	38009.714	55.1	2(3H)-DIHYDROFURANONE
37970.22	65	CHLORODIFLUORMETHANE	38010.721	62	1,1-DIFLUOROETHENE
37970.351	67	2-FURANCARBOXALDEHYDE	38011.477	66	2-PROPANONE
37971.25	65	CHLORODIFLUORMETHANE	38011.600	65	2-PROPEN-1-OL
37971.829	61	1,1-DIFLUOROETHENE	38012.422	63	TETRAHYDROFURAN
37973.314	68	1,2-DICHLOROETHANE	38013.315	53.3	2-PROPENENITRILE
37974.49	52	2-PROPENENITRILE	38013.70	66	DICHLORMETHANE
37975.066	66	1,2-DICHLOROETHANE	38017.229	65	ETHANETHIOL
37976.31	65	2-FURANCARBOXALDEHYDE	38022.45	59	2-PROPENENITRILE
37977.979	66	2-BUTENAL	38024.649	66	2-PROPYN-1-OL
37978.248	65	2(3H)-DIHYDROFURANONE	38024.744	59	2(3H)-DIHYDROFURANONE
37984.39	67	2,5-DIHYDROFURAN	38024.91	58	2-PROPANOL
37986.76	66	CIS 1,2-DICHLOROETHENE	38025.44	58	2-PROPANOL
37989.24	63	FLUOROETHENE	38027.660	65	EPOXYBUTANE
37989.663	58.4	2-PROPANOL	38027.71	67	CIS 1,2-DICHLOROETHENE
37990.178	56.8	DICHLORMETHANE	38028.25	66	CIS 1,2-DICHLOROETHENE
37991.258	49.5	FLUOROETHENE	38033.017	65	2(3H)-DIHYDROFURANONE
37991.54	66	1-CHLOROPROPANE	38033.600	63	2-PROPEN-1-OL
37992.537	68	THIETANE	38034.711	64	FORMIC ACID, METHYL ESTER
37992.883	63	PYRROLE	38036.33	67	ACETALDEHYDE
37993.074	60	1,1-DICHLOROETHANE	38036.442	62	METHYLOXIRANE
37994.055	64	2-PROPANOL	38039.23	65	2-PROPENENITRILE
37995.430	61	TETRAHYDROFURAN	38039.457	62	DICHLORODIFLUORMETHANE
37997.788	63	OXYBISMETHANE	38045.3	67	ETHANOL
37997.79	62	CHLOROETHENE	38045.956	65	1-CHLOROPROPANE
37998.46	62	CHLOROETHENE	38045.98	68	ACETALDEHYDE
37998.959	59.7	2,5-DIHYDROFURAN	38046.105	65	FORMIC ACID, METHYL ESTER
37999.509	63	2-PROPANONE	38047.852	63	EPOXYBUTANE
38002.43	59	2-PROPENENITRILE	38048.332	60	2-PROPYN-1-OL
38002.963	44	METHANAMINE	38048.595	65	1-CHLOROPROPANE
38003.501	47	METHANAMINE	38050.14	57	2-PROPENENITRILE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
38050.156	55	PYRIDINE	38086.08	63	METHYLOXIRANE
38052.347	67	1,1-DICHLOROETHANE	38087.16	57	2-PROPENENITRILE
38052.859	63	PYRROLE	38090.8	66	ETHANOL
38053.550	66	FLUOROBENZENE	38093.042	62	DICHLOROMETHANE
38054.483	64	METHANETHIOL	38093.11	68	CIS 1,2-DICHLOROETHENE
38055.322	63	2-PROPANOL	38094.186	62	2,5-DIHYDROFURAN
38057.157	65	TETRAHYDROFURAN	38097.87	63	2-PROPENENITRILE
38057.339	61	PYRIDINE	38098.288	66	2-FURANCARBOXALDEHYDE
38057.663	65	ACETALDEHYDE	38100.86	67	2-PROPANONE
38058.80	66	CHLORODIFLUOROMETHANE	38103.432	67	CIS 1,2-DICHLOROETHENE
38059.831	63	2-PROPANOL	38106.24	63	ETHANOL
38059.990	62	ETHYLENE GLYCOL CYCLIC SULFITE	38107.641	63	2,5-DIHYDROFURAN
38060.120	61	ETHANOL	38109.91	68	2-CHLOROPROPANE
38061.64	65	CHLORODIFLUOROMETHANE	38111.43	68	2-CHLOROPROPANE
38061.750	58.0	2-PROPANOL	38111.88	64	2-PROPENENITRILE
38061.899	61	OXIRANE	38112.571	67	2-PROPEN-1-OL
38062.140	52.0	1,1-DIFLUOROETHENE	38112.652	61	CIS 1,2-DICHLOROETHENE
38063.152	66	CHLOROETHENE	38117.368	65	EPOXYBUTANE
38063.294	61	ETHANOL	38117.813	65	DICHLOROMETHANE
38063.65	57	2-PROPENENITRILE	38118.664	58	DICHLOROMETHANE
38065.421	52	PYRIDINE	38118.78	66	2-PROPANONE
38065.861	67	CIS 1,2-DICHLOROETHENE	38119.404	63	DICHLOROMETHANE
38066.41	68	CIS 1,2-DICHLOROETHENE	38119.722	57.9	2-PROPENENITRILE
38067.1	64	ETHANOL	38121.527	67	2(3H)-DIHYDROFURANONE
38068.000	68	OXETANE	38122.984	64	DICHLOROMETHANE
38069.835	62	2-PROPANONE	38123.912	64	METHANAMINE
38070.57	64	2-PROPENENITRILE	38124.607	63	DICHLORODIFLUOROMETHANE
38071.316	66	DICHLORODIFLUOROMETHANE	38124.667	53	DICHLOROMETHANE
38071.452	64	CHLORODIFLUOROMETHANE	38126.130	63	DICHLOROMETHANE
38073.31	66	ACETALDEHYDE	38128.106	62	OXETANE
38073.350	64	CHLORODIFLUOROMETHANE	38128.58	67	CIS 1,2-DICHLOROETHENE
38074.615	64	TETRAHYDROFURAN	38129.881	64	DICHLOROMETHANE
38075.219	68	THIETANE	38130.690	59	DICHLOROMETHANE
38080.016	68	OXYBISMETHANE	38130.749	62	PYRIDINE
38081.628	65	2-PROPANONE	38131.129	57.8	2-PROPANOL
38082.329	63	ETHYLENE GLYCOL CYCLIC SULFITE	38131.355	64	DICHLOROMETHANE
38084.15	62	TETRAHYDROFURAN	38131.895	62	THIETANE
38085.05	62	2(3H)-DIHYDROFURANONE	38133.232	64	TETRAHYDROFURAN
38085.73	62	2(3H)-DIHYDROFURANONE	38133.49	63	2-PROPENENITRILE
38085.812	61	PYRIDINE	38137.063	50.0	ISOXAZOLE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
38138.18	61	ETHANOL	38179.67	65	2-PROPENENITRILE
38138.87	61	ETHANOL	38179.960	65	2-PROPEN-1-OL
38140.080	63	2-PROPENE-1-THIOL	38182.013	66	2(3H)-DIHYDROFURANONE
38140.88	66	1,1-DICHLOROETHANE	38184.188	62	2-PROPYN-1-CL
38142.31	66	1,1-DICHLOROETHANE	38184.553	65	DICHLORODIFLUOROMETHANE
38142.809	67	DICHLOROMETHANE	38184.609	65	2(3H)-DIHYDROFURANONE
38143.018	62	DICHLORODIFLUOROMETHANE	38186.692	61	2,5-DIHYDROFURAN
38143.961	63	1,1-DICHLOROETHANE	38190.39	63	2-PROPENENITRILE
38144.416	61	EPOXYBUTANE	38191.28	67	2-PROPEN-1-CL
38144.449	61	1,1-DIFLUOROETHENE	38193.039	65	DICHLOROMETHANE
38144.999	66	2,5-DIHYDROFURAN	38193.106	66	EPOXYBUTANE
38145.672	66	1,1-DICHLOROETHANE	38193.123	59.6	METHANAMINE
38146.781	60.4	2-PROPYN-1-CL	38193.56	67	DICHLOROMETHANE
38146.906	53	PYRIDINE	38196.615	63	ETHYLENE GLYCOL CYCLIC SULFITE
38150.964	65	EPOXYBUTANE	38197.248	57.6	2-PROPANOL
38151.004	62	ACETALDEHYDE	38197.78	61	2-PROPENENITRILE
38152.07	67	1,1-DICHLOROETHANE	38198.304	62	PYRIDINE
38153.79	65	2-PROPANONE	38200.111	67	CIS 1,2-DICHLOROETHENE
38154.260	55	PYRIDINE	38201.857	66	CIS 1,2-DICHLOROETHENE
38155.498	64	2-PROPANONE	38203.735	64	2-PROPANONE
38157.864	67	1-CHLOROPROPANE	38204.966	62	DICHLOROMETHANE
38158.48	61	2-PROPENENITRILE	38205.361	68	1,2-DICHLOROETHANE
38158.89	67	2-PROPANONE	38206.121	60	DICHLOROMETHANE
38159.709	63	PYRIDINE	38206.793	56.4	2-PROPANOL
38160.793	50.0	PYRROLE	38207.261	61	DICHLOROMETHANE
38162.495	61	PYRIDINE	38207.727	67	EPOXYBUTANE
38162.724	51.5	ISOXAZOLE	38208.665	67	EPOXYBUTANE
38164.364	64	1,1-DICHLOROETHANE	38214.10	64	CHLOROBENZENE
38165.722	56.0	2(3H)-DIHYDROFURANONE	38214.62	64	CHLOROBENZENE
38166.599	59	METHANAMINE	38214.995	64	TETRAHYDROFURAN
38166.736	64	2-CHLOROPROPANE	38216.41	67	1-CHLOROPROPANE
38169.359	63	2-CHLOROPROPANE	38216.591	58	METHANAMINE
38171.997	53.2	OXETANE	38219.320	64	PROPANAL
38172.156	62	PYRIDINE	38219.561	67	2-PROPEN-1-CL
38172.27	62	2-PROPENENITRILE	38222.437	66	2-PROPEN-1-OL
38173.142	56.1	2-PROPYN-1-CL	38223.96	63	2-PROPENENITRILE
38175.124	65	2-PROPEN-1-OL	38225.355	63	METHANETHIOL
38176.46	68	2-PROPANONE	38225.629	56	PYRIDINE
38177.895	66	1,2-DICHLOROETHANE	38228.983	63	CHLORODIFLUOROMETHANE
38178.355	59	2(3H)-DIHYDROFURANONE	38228.990	53	PYRIDINE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
38229.833	56.0	METHYL THIIRANE	38263.992	61	CHLOROBENZENE
38231.406	67	2-PROPANONE	38264.315	65	METHYL SULFIDE
38231.803	54.0	ISOXAZOLE	38264.75	68	METHYL SULFIDE
38232.724	63	3-BUTENENITRILE	38267.29	68	DICHLOROMETHANE
38234.242	51.3	ISOXAZOLE	38268.32	61	PYRIDINE
38234.74	66	CHLORODIFLUOROMETHANE	38269.355	63	2-FURANCARBOXALDEHYDE
38235.33	66	1,1-DICHLOROMETHANE	38273.689	57.0	2-BUTENAL
38236.183	63	CHLORODIFLUOROMETHANE	38274.840	63	ETHANETHIOL
38237.870	63	1,1-DICHLOROETHANE	38279.69	66	FLUOROETHENE
38238.345	67	DICHLOROMETHANE	38280.389	63	1,1-DICHLOROETHANE
38239.050	64	DICHLOROMETHANE	38280.916	56.9	FLUOROETHENE
38239.664	64	DICHLOROMETHANE	38281.078	69	THIETANE
38240.823	62	ACETALDEHYDE	38282.315	65	PYRROLE
38241.87	64	DICHLOROMETHANE	38284.007	66	CIS 1,2-DICHLOROETHENE
38242.152	64	DICHLOROMETHANE	38284.566	66	1-PROPANOL
38242.55	63	DICHLOROMETHANE	38284.613	64	2-PROPANONE
38243.032	65	3-BUTENENITRILE	38286.265	61	2-BUTENAL
38243.553	65	DICHLOROMETHANE	38297.15	65	2-BUTENAL
38244.236	64	THIETANE	38289.06	61	2-BUTENAL
38244.353	59.2	EPOXYBUTANE	38289.426	54	PYRIDINE
38244.779	66	DICHLOROMETHANE	38289.485	61	1,1-DICHLOROETHANE
38245.109	66	DICHLOROMETHANE	38289.91	67	CIS 1,2-DICHLOROETHENE
38245.483	65	DICHLOROMETHANE	38290.515	66	CIS 1,2-DICHLOROETHENE
38245.983	65	DICHLOROMETHANE	38290.853	55	PYRIDINE
38248.698	63	2-PROPANONE	38291.07	68	CIS 1,2-DICHLOROETHENE
38248.832	63	2-PROPEN-1-OL	38291.57	67	EPOXYBUTANE
38252.245	53	METHANAMINE	38292.05	60	PYRIDINE
38253.263	66	FORMIC ACID, METHYL ESTER	38292.42	67	EPOXYBUTANE
38254.11	67	1,1-DICHLOROETHANE	38293.163	63	OXYTANE
38254.82	66	CHLOROBENZENE	38293.300	55	METHANOL
38255.30	66	CHLOROBENZENE	38293.558	58.7	DICHLOROMETHANE
38255.425	62	1,1-DIFLUOROETHENE	38293.768	64	2-BUTENAL
38255.479	67	CIS 1,2-DICHLOROETHENE	38294.300	67	2-PROPANONE
38259.449	57.4	2-PROPANOL	38294.35	62	TETRAHYDROFURAN
38261.357	65	2-PROPANONE	38295.281	64	1-CHLOROPROPANE
38262.593	67	METHYL SULFIDE	38296.160	65	THIETANE
38263.027	59.7	ETHANOL	38296.493	59.6	EPOXYBUTANE
38263.34	66	METHYL SULFIDE	38302.259	66	2(3H)-DIHYDROFURANONE
38263.849	63	TETRAHYDROFURAN	38303.323	68	1,2-DICHLOROETHANE
38263.943	67	2-FURANCARBOXALDEHYDE	38303.755	68	2-OXO-PROPANAL

TABLE II.- Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
38304.226	59.8	2-BUTENAL	38329.15	62	2-BUTENAL
38306.38	66	2-PROPENENITRILE	38329.25	69	TRICHLOROETHENE
38306.404	60	PYRIDINE	38330.523	64	1,1-DIFLUOROETHENE
38306.79	65	2-BUTENAL	38331.07	68	EPOXYBUTANE
38306.883	63	EPOXYBUTANE	38331.523	56	2-PROPANOL
38307.058	62	THIETANE	38332.262	60	METHANOL
38307.339	64	ETHANETHIOL	38332.66	56	2-BUTENAL
38307.490	60	PYRROLE	38333.173	65	NITROMETHANE
38308.40	64	2-PROPANONE	38333.843	68	METHYL SULFIDE
38308.821	65	2-PROPEN-1-OL	38334.44	58	2-BUTENAL
38308.973	66	2,5-DIHYDROFURAN	38335.56	64	CIS 1,2-DICHLOROETHENE
38310.77	59	2-BUTENAL	38335.901	64	OXYBISMETHANE
38311.225	60.0	THIETANE	38336.521	62	PYRIDINE
38312.102	68	2(3H)-DIHYDROFURANONE	38336.550	67	2-PROPANONE
38312.63	51	2-BUTENAL	38336.58	62	CIS 1,2-DICHLOROETHENE
38312.75	62	METHYLOXIRANE	38337.346	62	CIS 1,2-DICHLOROETHENE
38313.478	56.9	2,5-DIHYDROFURAN	38337.766	65	FLUOROETHENE
38314.632	66	CIS 1,2-DICHLOROETHENE	38339.24	59	2-BUTENAL
38314.759	54	2-BUTENAL	38339.35	66	EPOXYBUTANE
38316.922	56.6	2-PROPANOL	38339.713	62	TETRAHYDROTHIOPHENE
38317.880	65	2-PROPEN-1-OL	38339.78	61	ACETALDEHYDE
38318.464	63	EPOXYBUTANE	38339.91	58	2-BUTENAL
38318.87	62	2-BUTENAL	38340.33	65	ETHANETHIOL
38319.67	62	2-BUTENAL	38341.030	63	METHYL SULFIDE
38321.632	66	OXYBISMETHANE	38341.25	53	PYRIDINE
38321.73	58	2-BUTENAL	38341.53	58	THIAZOLE
38322.144	57.5	1,1-DICHLOROETHANE	38343.07	62	2-BUTENAL
38323.109	67	ETHANETHIOL	38344.65	62	2-BUTENAL
38323.22	66	NITROETHANE	38345.77	62	2-BUTENAL
38323.39	64	TETRAHYDROFURAN	38346.265	67	THIETANE
38323.87	58	2-BUTENAL	38346.795	66	2(3H)-DIHYDROFURANONE
38324.96	62	PYRIDINE	38346.94	61	2-BUTENAL
38325.67	56	2-BUTENAL	38348.055	68	METHYL SULFIDE
38326.59	56	2-BUTENAL	38348.77	65	CIS 1,2-DICHLOROETHENE
38326.665	62	THIETANE	38349.30	64	CIS 1,2-DICHLOROETHENE
38327.35	68	CIS 1,2-DICHLOROETHENE	38349.393	58.7	2-BUTENAL
38327.927	66	2-FURAN CARBOXALDEHYDE	38349.482	57.5	2-PROPANONE
38328.370	67	FLUOROETHENE	38350.36	62	PYRIDINE
38328.466	62	EPOXYBUTANE	38350.67	61	2-BUTENAL
38328.89	69	TRICHLOROETHENE	38350.782	59.0	1,1-DIFLUOROETHENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
38351.16	61	2-BUTENAL	38377.843	67	OXYBISMETHANE
38351.701	64	TETRAHYDROFURAN	38377.871	64	TETRAHYDROFURAN
38352.42	66	CIS 1,2-DICHLOROETHENE	38378.23	61	2-BUTENAL
38352.45	61	2-BUTENAL	38378.454	59.7	CHLOROBENZENE
38353.00	66	CIS 1,2-DICHLOROETHENE	38379.241	61	OXYBISMETHANE
38354.472	60.1	OXYBISMETHANE	38379.751	64	DICHLOROMETHANE
38354.95	63	2-BUTENAL	38379.88	61	2-BUTENAL
38355.66	61	PYRIDINE	38380.63	67	2(3H)-DIHYDROFURANONE
38355.75	63	2-BUTENAL	38380.76	60	OXYBISMETHANE
38356.30	62	2-PROPEN-1-CL	38381.558	64	OXYBISMETHANE
38357.591	58.1	OXYBISMETHANE	38381.56	62	2-BUTENAL
38359.52	61	2-BUTENAL	38381.628	52	PYRIDINE
38359.69	62	PYRIDINE	38381.96	62	OXYBISMETHANE
38359.869	57	DICHLOROMETHANE	38382.67	63	2-BUTENAL
38361.19	67	2-PROPEN-1-OL	38383.413	61	DICHLOROMETHANE
38361.50	61	2-BUTENAL	38383.461	62	2-PROPYN-1-OL
38363.78	66	1,1-DICHLOROETHANE	38383.873	62	PYRROLE
38364.54	62	2-BUTENAL	38384.765	63	TETRAHYDROFURAN
38364.720	67	EPOXYBUTANE	38385.28	62	2-BUTENAL
38365.24	60	FORMAMIDE	38385.70	65	2(3H)-DIHYDROFURANONE
38365.260	66	FORMIC ACID, METHYL ESTER	38385.743	59	DICHLOROMETHANE
38366.121	60	1,1-DICHLOROETHANE	38387.983	67	CIS 1,2-DICHLOROETHENE
38367.149	66	DICHLORODIFLUOROMETHANE	38388.54	54	2-BUTENAL
38367.946	63	ACETALDEHYDE	38388.777	63	1,1-DIFLUOROETHENE
38368.186	63	TETRAHYDROFURAN	38389.30	67	CIS 1,2-DICHLOROETHENE
38368.660	56.6	2-PROPANOL	38389.933	65	2(3H)-DIHYDROFURANONE
38368.695	62	OXYBISMETHANE	38390.580	56	2-BUTENAL
38369.30	61	PYRIDINE	38391.744	65	DICHLOROMETHANE
38370.132	62	OXYBISMETHANE	38392.30	63	2-BUTENAL
38370.40	63	2-BUTENAL	38392.99	63	2-BUTENAL
38371.420	61	OXYBISMETHANE	38395.335	62	2-BUTENAL
38372.705	65	1,1-DICHLOROETHANE	38395.973	63	ETHANETHIOL
38372.83	63	2-BUTENAL	38396.669	65	CIS 1,2-DICHLOROETHENE
38372.881	68	2-PROPEN-1-CL	38397.890	64	TETRAHYDROFURAN
38374.160	65	TETRAHYDROFURAN	38399.270	49.6	ISOXAZOLE
38374.614	66	THIETANE	33400.289	63	OXYBISMETHANE
38375.876	62	ETHYLENE GLYCOL CYCLIC SULFITE	38400.40	58	2-BUTENAL
38376.80	64	2-BUTENAL	38401.834	66	PROPANAL
38376.818	66	2-PROPEN-1-CL	38402.69	65	2-BUTENAL
38377.59	63	PYRIDINE	38403.070	66	CHLOROBENZENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
38404.905	65	2-PROPEN-1-CL	38437.126	60.4	1,1-DICHLOROETHANE
38405.06	66	CIS 1,2-DICHLOROETHENE	38437.354	56.4	2,5-DIHYDROFURAN
38405.45	59	METHANETHICL	38437.55	65	PROPANAL
38405.46	66	2-BUTENAL	38437.89	65	2-PROPANONE
38408.14	63	TETRAHYDROFURAN	38438.14	53	PYRIDINE
38408.75	63	2-BUTENAL	38439.275	64	2-FURANCARBOXALDEHYDE
38408.787	67	CIS 1,2-DICHLOROETHENE	38440.09	63	2-PROPANONE
38409.21	63	2-BUTENAL	38441.422	64	TETRAHYDROTHIOPHENE
38411.03	60	2-BUTENAL	38444.884	65	2-OXO-PROPANAL
38411.82	67	2-PROPANONE	38449.709	57	2-PROPANOL
38413.086	66	2-CHLOROPROPANE	38450.46	65	EPOXYBUTANE
38413.217	66	NITROETHANE	38451.989	66	2-PROPEN-1-OL
38413.387	53.1	2-PROPANOL	38452.682	55	METHANOL
38413.56	53	PYRIDINE	38453.548	62	2-PROPANONE
38414.66	67	2(3H)-DIHYDROFURANONE	38454.039	62	2-PROPENE-1-THIOL
38414.956	65	TETRAHYDROFURAN	38454.91	64	2-BUTENAL
38415.148	66	2-CHLOROPROPANE	38456.115	65	2-PROPEN-1-CL
38415.65	63	2-BUTENAL	38456.597	65	TETRAHYDROFURAN
38416.483	65	DICHLOROMETHANE	38456.68	55	PYRIDINE
38419.85	68	CIS 1,2-DICHLOROETHENE	38457.103	64	2(3H)-DIHYDROFURANONE
38421.63	63	2-BUTENAL	38457.566	65	2-OXO-PROPANAL
38421.800	66	2-PROPEN-1-OL	38457.848	66	DICHLOROMETHANE
38423.29	63	2-BUTENAL	38459.430	65	DICHLOROMETHANE
38424.24	62	2-BUTENAL	38461.001	67	DICHLOROMETHANE
38425.46	65	2-BUTENAL	38462.202	55.8	2-PROPANOL
38426.18	67	2(3H)-DIHYDROFURANONE	38463.389	56.9	2-BUTENAL
38426.330	62	1,1-DIFLUOROCETHENE	38465.39	60	2-BUTENAL
38429.40	64	2-BUTENAL	38465.600	61	PYRIDINE
38429.813	56.1	DICHLOROMETHANE	38465.918	64	2(3H)-DIHYDROFURANONE
38430.166	58.0	2(3H)-DIHYDROFURANONE	38467.214	62	PYRIDINE
38430.646	67	2-PROPANONE	38467.226	62	2-PROPYN-1-CL
38430.81	65	CHLORODIFLUOROMETHANE	38467.646	64	TETRAHYDROFURAN
38431.237	66	2-PROPEN-1-OL	38468.706	65	CIS 1,2-DICHLOROETHENE
38432.08	65	CHLORODIFLUOROMETHANE	38470.989	48.9	PYRIDINE
38432.605	55.8	ACETALDEHYDE	38471.427	65	2-BUTENAL
38432.766	66	2,5-DIHYDROFURAN	38472.89	68	2-PROPANONE
38433.353	59.1	DICHLOROMETHANE	38473.63	54	PYRIDINE
38434.827	61	2,5-DIHYDROFURAN	38474.07	62	2-BUTENAL
38435.080	68	THIETANE	38474.66	63	2-BUTENAL
38437.00	65	PROPANAL	38474.70	65	1,1-DICHLOROETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
38475.075	67	METHYL SULFIDE	38511.74	62	DICHLOROMETHANE
38475.134	67	2(3H)-DIHYDROFURANONE	38512.015	65	EPOXYBUTANE
38475.365	68	CHLOROBENZENE	38512.102	52.7	ACETALDEHYDE
38475.588	56.1	2-PROPANOL	38512.19	62	DICHLOROMETHANE
38475.66	63	2-BUTENAL	38513.557	58	CIS 1,2-DICHLOROETHENE
38475.805	64	2-PROPENE-1-THIOL	38513.755	62	DICHLOROMETHANE
38476.228	60	ACETALDEHYDE	38515.501	64	2-PROPANONE
38476.71	68	OXETANE	38515.741	68	DICHLORODIFLUOROMETHANE
38476.868	64	ETHANAMINE	38516.26	66	CIS 1,2-DICHLOROETHENE
38476.97	65	2-BUTENAL	38516.678	62	FORMIC ACID, METHYL ESTER
33477.10	57	PYRIDINE	38517.17	60	CIS 1,2-DICHLOROETHENE
38477.857	66	OXYBISMETHANE	38518.224	44.3	SULFUR DIOXIDE
38479.788	53.4	OXETANE	38518.40	64	CIS 1,2-DICHLOROETHENE
38479.925	66	FURAN	38519.08	66	CIS 1,2-DICHLOROETHENE
38480.68	63	METHYLOXIRANE	38522.121	67	1,1-DIFLUOROETHENE
38482.83	62	METHYLOXIRANE	38522.760	55.7	ACETALDEHYDE
38483.579	60	METHYLOXIRANE	38522.994	67	1,2-DICHLOROETHANE
38483.778	64	ACETALDEHYDE	38523.89	64	2-PROPENE-1-THIOL
38484.940	66	2-PROPENE-1-CL	38525.108	62	THIETANE
38485.468	56	2-PROPANOL	38525.668	66	EPOXYBUTANE
38485.88	62	2-PROPENE-1-THIOL	38527.117	67	CHLOROBENZENE
38486.34	62	2-PROPANOL	38527.773	61	DICHLOROMETHANE
38487.559	65	2-PROPENE-1-CL	38528.168	59	ETHANOL
38488.544	56	2-PROPANOL	38528.370	59.0	DICHLOROMETHANE
38489.93	62	2-PROPENE-1-THIOL	38528.962	61	DICHLOROMETHANE
38496.21	66	CHLORODIFLUOROMETHANE	38529.10	66	CHLOROBENZENE
38496.503	64	2,5-DIHYDROFURAN	38529.952	65	THIETANE
38497.223	58	PYRIDINE	38531.982	63	2-FURANCARBOXYALDEHYDE
38497.53	66	CHLORODIFLUOROMETHANE	38532.339	62	PYRIDINE
38498.864	67	1,2-DICHLOROETHANE	38532.575	65	PYRROLE
38500.139	63	ETHYLENE GLYCOL CYCLIC SULFITE	38533.687	64	TETRAHYDROFURAN
38500.31	66	CIS 1,2-DICHLOROETHENE	38534.924	67	2(3H)-DIHYDROFURANONE
38501.00	68	CIS 1,2-DICHLOROETHENE	38535.21	62	2-BUTENAL
38501.799	57.2	PYRIDINE	38536.53	62	2-BUTENAL
38504.36	66	2-PROPANONE	38538.541	63	OXETANE
38506.036	53	ACETALDEHYDE	38539.009	66	2-PROPANONE
38508.036	62	FORMIC ACID, METHYL ESTER	38541.538	57.8	OXIRANE
38509.983	61	CIS 1,2-DICHLOROETHENE	38543.002	63	TETRAHYDROFURAN
38510.178	62	DICHLOROMETHANE	38545.046	65	FORMIC ACID, METHYL ESTER
33510.355	66	2-PROPENE-1-OL	38547.032	63	1,1-DICHLOROETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
38547.853	67	2-PROPEN-1-OL	38600.578	63	THIETANE
38548.38	64	2-BUTENAL	38600.616	63	TETRAHYDROFURAN
38548.68	64	NITROETHANE	38601.366	63	DICHLORCMETHANE
38549.781	65	TETRAHYDROFURAN	38601.822	62	CIS 1,2-DICHLOROETHENE
38551.059	67	THIETANE	38604.144	66	DICHLOROMETHANE
38558.6	67	ETHANOL	38604.997	64	TETRAHYDROTHIOPHENE
38559.89	65	CHLOROETHANE	38605.131	67	2-PROPEN-1-OL
38560.092	65	1,1-DICHLOROETHANE	38605.30	64	CIS 1,2-DICHLOROETHENE
38560.63	66	CHLOROETHANE	38605.64	65	2-BUTENAL
38561.599	67	CIS 1,2-DICHLOROETHENE	38606.62	67	2-BUTENAL
38562.202	67	2-PROPEN-1-CL	38607.373	62	ETHYLENE GLYCOL CYCLIC SULFITE
38562.689	64	1,1-DICHLOROETHANE	38608.58	65	EPOXYBUTANE
38563.8	68	ETHANOL	38609.047	66	1,1-DICHLOROETHANE
38564.686	60.1	2-FURANCARBOXALDEHYDE	38609.102	56.8	DICHLORCMETHANE
38565.20	67	EPOXYBUTANE	38610.150	66	2-PROPANONE
38566.069	66	CIS 1,2-DICHLORCETHENE	38610.365	66	TETRAHYDROFURAN
38569.874	68	CHLOROBENZENE	38614.81	61	CIS 1,2-DICHLOROETHENE
38570.526	60	2-PROPANONE	38615.044	63	FLUOROETHENE
38571.382	56	OXETANE	38621.01	64	NITROETHANE
38573.203	67	2-PROPEN-1-CL	38622.696	67	CIS 1,2-DICHLOROETHENE
38573.570	59.8	THIETANE	38624.80	63	NITROETHANE
38576.84	62	2-FURANCARBOXALDEHYDE	38625.767	63	CHLOROBENZENE
38577.64	64	2-FURANCARBOXALDEHYDE	38626.45	60	ETHANOL
38580.95	54	ISOXAZOLE	38627.159	53.0	1,1-DIFLUOROETHENE
38581.300	67	1,1-DICHLORCETHANE	38627.235	56.6	OXETANE
38582.020	62	OXYBISMETHANE	38627.835	57.8	2,5-DIHYDROFURAN
38583.853	66	1,1-DICHLORCETHANE	38629.531	57	ACETALDEHYDE
38583.978	49	METHANAMINE	38629.54	67	CHLORODIFLUORCMETHANE
38584.439	52	METHANAMINE	38630.72	66	CHLORODIFLUORCMETHANE
38584.496	64	PYRROLE	38631.95	68	2-PROPANONE
38585.37	63	2-FURANCARBOXALDEHYDE	38633.241	54	PYRIDINE
38586.469	52.3	1,1-DIFLUORCETHENE	38636.41	68	CHLOROBENZENE
38588.036	66	2-FURANCARBOXALDEHYDE	38636.54	66	CHLORODIFLUORCMETHANE
38588.44	67	2,5-DIHYDROFURAN	38637.21	66	2-PROPEN-1-CL
38588.53	68	1,1-DIFLUOROETHENE	38637.53	67	2-PROPANONE
38589.470	63	2-PROPANOL	38637.57	65	CHLOROBENZENE
38589.500	59	2,5-DIHYDROFURAN	38637.71	68	CHLORODIFLUORCMETHANE
38595.219	68	DICHLORODIFLUORCMETHANE	38638.119	63	2-PROPYN-1-CL
38598.331	64	CIS 1,2-DICHLOROETHENE	38638.42	68	CHLOROBENZENE
38598.706	61	2,5-DIHYDROFURAN	38638.459	63	TETRAHYDROFURAN

TABLE II.- Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
38639.587	68	EPOXYBUTANE	38686.17	66	1-FLUORO-4-METHYLBENZENE
38640.87	68	EPOXYBUTANE	38687.36	64	NITROETHANE
38644.495	61	OXYBISMETHANE	38688.021	66	1-PROPANOL
38646.663	65	THIETANE	38689.05	67	1-FLUORO-4-METHYLBENZENE
38647.043	67	FORMIC ACID, METHYL ESTER	38689.729	57.2	1,1-DICHLOROETHANE
38647.522	65	DICHLOROMETHANE	38690.096	65	2,5-DIHYDROFURAN
38648.869	63	2-PROPEN-1-CL	38691.566	63	DICHLOROMETHANE
38650.986	63	METHANETHIOL	38692.607	68	FURAN
38651.004	62	PYRIDINE	38694.131	65	3-BUTENENITRILE
38652.303	64	2-PROPANONE	38694.28	65	NITROETHANE
38653.415	57	ACETALDEHYDE	38694.47	66	1-FLUORO-4-METHYLBENZENE
38653.597	66	2-METHYLFURAN	38694.952	58.9	1,1-DICHLOROETHANE
38654.98	65	NITROETHANE	38696.469	61	TETRAHYDROTHIOPHENE
38656.195	67	1,1-DIFLUOROETHENE	38697.09	65	OXYBISMETHANE
38656.510	65	ACETALDEHYDE	38697.67	62	OXYBISMETHANE
38657.328	64	CHLORODIFLUOROMETHANE	38698.60	64	CIS 1,2-DICHLOROETHENE
38658.637	65	CIS 1,2-DICHLOROETHENE	38699.079	65	CIS 1,2-DICHLOROETHENE
38659.813	52.1	PYRROLE	38699.27	67	1-FLUORO-4-METHYLBENZENE
38660.666	64	CHLORODIFLUOROMETHANE	38699.443	67	2-FURANCARBOXALDEHYDE
38662.08	64	NITROETHANE	38699.625	64	CIS 1,2-DICHLOROETHENE
38663.825	68	FORMIC ACID, METHYL ESTER	38699.791	62	DICHLOROMETHANE
38668.08	63	NITROETHANE	38701.079	41.4	OXIRANE
38668.768	62	ETHANETHIOL	38701.088	61	METHYL SULFIDE
38670.952	56.4	OXYBISMETHANE	38701.954	67	CIS 1,2-DICHLOROETHENE
38671.762	56.1	DICHLOROMETHANE	38701.966	58	ETHANAMINE
38671.991	64	2-FURANCARBOXALDEHYDE	38702.09	65	NITROETHANE
38673.310	67	2-PROPEN-1-CL	38702.35	61	ETHANAMINE
38674.42	65	1-FLUORO-4-METHYLBENZENE	38704.61	67	1-FLUORO-4-METHYLBENZENE
38674.526	60.3	ETHANOL	38705.48	65	1-FLUORO-4-METHYLBENZENE
38677.043	63	2,5-DIHYDROFURAN	38705.53	65	NITROETHANE
38678.71	68	CHLORODIFLUOROMETHANE	38707.766	61	THIETANE
38679.951	67	1,2-DICHLOROETHANE	38707.77	66	1-FLUORO-4-METHYLBENZENE
38680.229	64	EPOXYBUTANE	38708.545	63	TETRAHYDROTHIOPHENE
38680.533	64	ACETALDEHYDE	38710.86	65	1-FLUORO-4-METHYLBENZENE
38681.18	62	NITROMETHANE	38711.772	52	FURAN
38682.09	66	1-FLUORO-4-METHYLBENZENE	38713.934	63	PYRROLE
38682.16	67	CHLORODIFLUOROMETHANE	38714.82	62	NITROETHANE
38683.72	64	1,1-DICHLOROETHANE	38714.831	59.8	METHYL SULFIDE
38683.75	64	NITROETHANE	38715.149	64	THIETANE
38684.36	62	1,1-DICHLOROETHANE	38716.39	67	1-FLUORO-4-METHYLBENZENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
38717.06	66	2-PROPANOL	38769.182	63	OXYBISMETHANE
38719.679	64	2-PROPANONE	38771.255	66	OXYBISMETHANE
38721.558	69	THIETANE	38771.40	69	1-PROPANOL
38721.72	66	1-FLUORO-4-METHYLBENZENE	38773.08	67	1,1-DICHLORCETHANE
38722.55	67	1-FLUORC-4-METHYLBENZENE	38777.813	65	2-PROPEN-1-CL
38723.70	68	2-PROPANONE	38783.264	66	1-FLUORO-4-METHYLBENZENE
38724.06	63	NITROETHANE	38785.47	67	2-PROPANONE
38724.083	65	2(3H)-DIHYDROFURANONE	38786.752	68	DICHLORCMETHANE
38726.56	66	CIS 1,2-DICHLOROETHENE	38787.079	60	OXYBISMETHANE
38726.73	66	1-FLUORO-4-METHYLBENZENE	38788.461	65	EPOXYBUTANE
38727.995	64	CIS 1,2-DICHLOROETHENE	38789.719	65	DICHLORCMETHANE
38728.663	62	METHYL SULFIDE	38791.463	65	DICHLOROMETHANE
38729.18	63	NITROETHANE	38792.000	65	METHYLOXIRANE
38729.448	66	CIS 1,2-DICHLOROETHENE	38792.247	66	2-PROPANONE
38729.70	67	1-FLUORO-4-METHYLBENZENE	38793.826	63	2-PROPANOL
38730.207	64	TETRAHYDROFURAN	38794.214	60.1	2,5-DIHYDROFURAN
38734.98	65	1,1-DICHLOROETHANE	38794.224	64	OXYBISMETHANE
38738.209	70	DICHLORODIFLUORCMETHANE	38794.487	57.3	CHLORODIFLUORCMETHANE
38740.61	67	1-FLUORO-4-METHYLBENZENE	38795.241	64	METHYLOXIRANE
38740.68	61	2-PROPENENITRILE	38795.947	57.0	2-BUTENAL
38742.069	65	1-FLUORO-4-METHYLBENZENE	38796.018	57.3	CHLORODIFLUORCMETHANE
38742.61	62	ETHANOL	38797.6	67	ETHANOL
38745.108	66	CIS 1,2-DICHLOROETHENE	38797.678	63	2-BUTENAL
38745.674	66	2-FURANCARBOXALDEHYDE	38797.712	64	CHLORODIFLUORCMETHANE
38749.705	67	EPOXYBUTANE	38797.937	65	1,1-DICHLOROETHANE
38750.13	60	DICHLORCMETHANE	38798.141	65	DICHLOROMETHANE
38750.591	57.0	DICHLOROMETHANE	38802.511	67	2-PROPYN-1-OL
38751.05	60	DICHLOROMETHANE	38802.830	63	2-PROPENE-1-THIOL
38753.206	65	CIS 1,2-DICHLOROETHENE	38803.754	64	METHYLOXIRANE
38753.933	64	THIETANE	38807.91	65	CIS 1,2-DICHLOROETHENE
38754.544	60.2	EPOXYBUTANE	38808.478	64	CIS 1,2-DICHLOROETHENE
38757.394	63	ETHANETHIOL	38808.745	65	TETRAHYDROFURAN
38757.64	66	1-FLUORO-4-METHYLBENZENE	38810.525	61	2-BUTENAL
38760.986	63.3	2-METHYLFURAN	38810.844	60.3	PYRROLE
38763.270	63.9	2-METHYLFURAN	38811.54	65	CIS 1,2-DICHLOROETHENE
38766.076	64	2-BUTENAL	38812.05	66	1,1-DICHLOROETHANE
38766.98	66	CIS 1,2-DICHLOROETHENE	38812.465	61	CIS 1,2-DICHLOROETHENE
38767.33	65	1-FLUORO-4-METHYLBENZENE	38812.485	63	2-BUTENAL
38767.516	64	CIS 1,2-DICHLOROETHENE	38812.552	65	NITRCMETHANE
38768.05	65	CIS 1,2-DICHLORCETHENE	38813.48	66	CIS 1,2-DICHLOROETHENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
38813.623	64	1-PROPANOL	38859.788	58.7	METHANAMINE
38813.639	61	EPCXYBUTANE	38859.968	59.0	1,1-DIFLUORCETHENE
38814.04	60	1,1-DICHLOROETHANE	38861.168	66	2-FURANCARBXYALDEHYDE
38815.303	59	PYRIDINE	38862.50	62	2-BUTENAL
38815.447	62	2-PROPANOL	38864.692	62	ACETALDEHYDE
38815.89	66	1,1-DICHLOROETHANE	38866.675	67	OXYBISMETHANE
38816.02	61	PYRIDINE	38867.83	65	TETRAHYDROFURAN
38816.08	64	CIS 1,2-DICHLOROETHENE	38868.52	65	2-PROPANONE
38816.487	64	CIS 1,2-DICHLOROETHENE	38871.538	63	FLUOROETHENE
38816.547	64	TETRAHYDROFURAN	38871.85	65	METHYLOXIRANE
38816.95	66	CIS 1,2-DICHLOROETHENE	38874.826	66	2-BUTENAL
38821.575	57.8	OXETANE	38875.375	63	2-PROPEN-1-OL
38822.616	58	THIETANE	38877.82	66	2-PROPANONE
38824.81	66	CHLOROBENZENE	38878.06	64	2-PROPENENITRILE
38825.26	66	CHLOROBENZENE	38878.55	66	2-PROPEN-1-CL
38825.625	56.6	THIETANE	38879.521	67	2-BUTENAL
38826.388	66	METHYLOXIRANE	38880.608	64	CIS 1,2-DICHLOROETHENE
38827.517	62	FORMAMIDE	38881.991	63	TETRAHYDROFURAN
38827.524	63	CHLORODIFLUOROMETHANE	38885.011	67	OXYBISMETHANE
38828.046	63	CHLORODIFLUOROMETHANE	38885.225	56.3	2-PROPENENITRILE
38828.40	65	FORMAMIDE	38887.558	60.2	THIETANE
38829.506	62	2-PROPANOL	38888.059	66	CIS 1,2-DICHLOROETHENE
38830.261	62	1,1-DICHLOROETHANE	38891.510	67	CIS 1,2-DICHLOROETHENE
38830.595	57.7	2,5-DIHYDROFURAN	38892.576	59.7	OXETANE
38832.981	67	METHYL SULFIDE	38896.371	63	TETRAHYDROFURAN
38834.022	65	FORMIC ACID, METHYL ESTER	38897.23	66	2-PROPANONE
38834.138	56.8	METHYLOXIRANE	38897.510	62	2-PROPANOL
38837.051	66	METHYLOXIRANE	38900.352	58.0	ACETALDEHYDE
38838.76	65	ACETALDEHYDE	38901.049	64	2-PROPEN-1-CL
38839.85	66	ACETALDEHYDE	38901.988	59.5	OXETANE
38840.86	61	METHANAMINE	38904.069	55.0	2,5-DIHYDROFURAN
38843.886	65	1,1-DICHLOROETHANE	38908.278	44	METHANAMINE
38846.095	67	THIETANE	38908.896	47	METHANAMINE
38847.736	49.2	2-PROPENENITRILE	38909.706	54.6	SULFUR DIOXIDE
38852.434	62	2-PROPANOL	38910.34	64	METHANAMINE
38853.372	55.0	METHYL THIIRANE	38910.981	64	METHYLOXIRANE
38854.090	64	TETRAHYDROFURAN	38914.158	65	OXYBISMETHANE
38855.074	64	TETRAHYDROTHIOPHENE	38915.35	64	PYRIDINE
38856.653	67	2,5-DIHYDROFURAN	38919.38	67	EPOXYBUTANE
38859.020	55.6	DICHLOROMETHANE	38920.684	67	1,1-DICHLOROETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
38921.48	59	METHANAMINE	38974.507	59.6	METHYLOXIRANE
38923.20	63	2-PROPENENITRILE	38975.65	66	1,1-DICHLOROETHANE
38924.15	66	EPCXYBUTANE	38976.05	59	FORMIC ACID, METHYL ESTER
38924.713	66	2-BUTENAL	38976.274	59.2	EPOXYBUTANE
38925.179	66	EPCXYBUTANE	38976.275	59.1	EPOXYBUTANE
38928.280	51.8	ISOXAZOLE	38976.66	65	2-PROPEN-1-CL
38929.220	66	2-BUTENAL	38977.36	64	1,1-DICHLOROETHANE
38930.662	63	TETRAHYDROFURAN	38977.39	64	2-PROPEN-1-CL
38932.022	63	PYRROLE	38977.496	66	ACETALDEHYDE
38933.506	59.9	EPOXYBUTANE	38977.547	66	2-OXO-PROPANAL
38935.33	65	EPOXYBUTANE	38978.349	65	OXYBISMETHANE
38935.555	54.6	OXETANE	38979.42	66	2-PROPANONE
38936.306	60.4	2,5-DIHYDROFURAN	38980.311	65	1,1-DICHLOROETHANE
38938.208	66	2-METHYLFURAN	38980.806	54.1	2-PROPENENITRILE
38939.656	61	TETRAHYDROFURAN	38980.818	59.4	FORMIC ACID, METHYL ESTER
38941.489	66	CIS 1,2-DICHLOROETHENE	38980.983	62	2-PROPANONE
38944.017	68	1,1-DIFLUOROETHENE	38981.630	61	METHANETHIOL
38944.112	62	TETRAHYDROFURAN	38981.741	65	EPOXYBUTANE
38948.347	63	TETRAHYDROFURAN	38983.009	66	METHYL SULFIDE
38948.60	68	1,1-DICHLOROETHANE	38985.180	56	METHANAMINE
38948.709	65	2,5-DIHYDROFURAN	38987.542	56	PYRIDINE
38949.237	66	EPOXYBUTANE	38988.922	64	ACETALDEHYDE
38949.29	66	2-PROPANONE	38989.582	61	METHYLOXIRANE
38949.50	66	FORMIC ACID, METHYL ESTER	38990.251	63	EPOXYBUTANE
38949.680	61	2-PROPYN-1-CL	38990.881	67	2-PROPYN-1-OL
38950.98	67	2-PROPANONE	38991.441	64	EPOXYBUTANE
38954.758	64	OXYBISMETHANE	38992.603	64	TETRAHYDROTHIOPHENE
38957.634	63	2,5-DIHYDROFURAN	38993.195	62	OXETANE
38958.637	62	FORMIC ACID, METHYL ESTER	38993.912	67	CIS 1,2-DICHLOROETHENE
38961.56	71	TRICHLOROMETHANE	38998.669	65	1,1-DICHLOROETHANE
38962.137	62	2-PROPEN-1-CL	38998.748	55.7	OXYBISMETHANE
38962.85	67	ACETALDEHYDE	38999.32	65	PYRROLE
38967.019	67	CHLOROETHANE	39000.831	67	2-PROPANONE
38969.190	61	TETRAHYDROFURAN	39002.324	65	CIS 1,2-DICHLOROETHENE
38969.708	64	2(3H)-DIHYDROFURANONE	39002.68	61	METHYLOXIRANE
38970.44	67	DICHLORODIFLUOROMETHANE	39004.503	64	TETRAHYDROFURAN
38970.50	64	PYRIDINE	39004.77	61	TETRAHYDROTHIOPHENE
38970.772	63	2-PROPANONE	39007.372	67	2-PROPEN-1-OL
38971.055	57.4	OXYBISMETHANE	39009.271	64	EPOXYBUTANE
38971.769	58	ETHANAMINE	39011.048	66	CIS 1,2-DICHLOROETHENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
39011.11	67	PROPANAL	39053.52	64	2(3H)-DIHYDROFURANONE
39013.32	61	PYRIDINE	39054.89	63	ACETALDEHYDE
39013.793	59	PYRIDINE	39055.909	66	CIS 1,2-DICHLOROETHENE
39014.470	61	2-PROPENENITRILE	39056.135	67	THIOPHENE
39015.1	64	ETHANOL	39056.464	55	PYRIDINE
39015.942	66	CHLOROTRIFLUOROMETHANE	39058.687	63	TETRAHYDROFURAN
39016.342	66	METHYL SULFIDE	39059.297	63	ETHANETHIOL
39017.035	58.5	DICHLOROMETHANE	39061.021	62	PROPANAL
39017.516	67	CHLOROTRIFLUOROMETHANE	39062.380	66	2(3H)-DIHYDROFURANONE
39018.059	67	CHLOROTRIFLUOROMETHANE	39063.410	63	2,5-DIHYDROFURAN
39018.415	67	CHLOROTRIFLUOROMETHANE	39064.507	64	2-OXO-PROPANAL
39018.773	65	CHLOROTRIFLUOROMETHANE	39069.009	56.5	DICHLOROMETHANE
39019.258	67	CHLOROTRIFLUOROMETHANE	39069.400	63	THIETANE
39019.907	66	CHLOROTRIFLUOROMETHANE	39069.571	59.9	2,5-DIHYDROFURAN
39020.778	66	CHLOROTRIFLUOROMETHANE	39070.699	62	TETRAHYDROTHIOPHENE
39022.359	67	CIS 1,2-DICHLOROETHENE	39071.183	67	2-PROPANONE
39022.427	64	EPOXYBUTANE	39071.693	67	2-PROPEN-1-OL
39023.493	63	TETRAHYDROFURAN	39072.455	67	2-METHYLFURAN
39025.21	68	ACETALDEHYDE	39072.94	64	PYRROLE
39025.69	65	CIS 1,2-DICHLOROETHENE	39074.823	61	2,5-DIHYDROFURAN
39026.14	59	OXYBISMETHANE	39075.051	65	ACETALDEHYDE
39026.48	65	CIS 1,2-DICHLOROETHENE	39075.471	49.8	PYRROLE
39026.72	61	OXYBISMETHANE	39077.935	64	ETHANAMINE
39028.751	64	EPOXYBUTANE	39078.819	66	2-PROPEN-1-OL
39029.04	63	CIS 1,2-DICHLOROETHENE	39081.892	62	TETRAHYDROFURAN
39029.46	63	CIS 1,2-DICHLOROETHENE	39084.012	63	2-PROPANOL
39030.347	67	FLUOROBENZENE	39085.241	51.7	OXETANE
39030.765	66	EPOXYBUTANE	39086.922	63	2-PROPEN-1-OL
39034.593	63	TETRAHYDROFURAN	39090.886	66	FORMIC ACID, METHYL ESTER
39039.398	64	2-PROPANONE	39091.833	64	METHYL SULFIDE
39039.927	64	TETRAHYDROFURAN	39092.011	64	2,5-DIHYDROFURAN
39039.930	59.1	1,1-DICHLOROETHANE	39092.80	65	PROPANAL
39043.772	66	FORMIC ACID, METHYL ESTER	39092.860	64	TETRAHYDROFURAN
39046.265	53	OXYBISMETHANE	39097.398	66	2-PROPEN-1-OL
39047.299	51.1	OXYBISMETHANE	39097.817	61	METHYLOXIRANE
39048.333	53	OXYBISMETHANE	39098.139	64	DICHLORODIFLUOROMETHANE
39049.053	66	PROPANAL	39098.87	66	PROPANAL
39052.32	66	2-PROPANONE	39103.181	57.7	OXETANE
39052.80	66	2(3H)-DIHYDROFURANONE	39104.117	61	TETRAHYDROFURAN
39052.880	67	2-METHYLFURAN	39106.570	60	METHYL SULFIDE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
39107.143	64	2-PROPANONE	39165.955	62	PYRROLE
39111.687	58.7	2-PROPENENITRILE	39166.537	65	FORMIC ACID, METHYL ESTER
39116.63	63	ETHANOL	39169.963	65	FURAN
39117.06	63	CIS 1,2-DICHLOROETHENE	39170.566	65	FORMIC ACID, METHYL ESTER
39117.167	60	THIOPHENE	39172.07	66	ACETALDEHYDE
39118.551	60	2-PROPYN-1-OL	39173.784	64	TETRAHYDROTHIOPHENE
39119.681	61	THIETANE	39176.092	54.3	METHYLOXIRANE
39121.221	64	METHYL SULFIDE	39176.48	67	2-PROPANONE
39125.53	65	DICHLORODIFLUOROMETHANE	39177.130	61	PROPANAL
39127.01	60	1,1-DICHLOROCETHANE	39177.76	61	METHYLOXIRANE
39127.125	50.2	ISOXAZOLE	39178.510	66	1-PROPANOL
39127.449	59	METHANAMINE	39178.53	59	ETHANOL
39128.681	64	OXYBISMETHANE	39178.600	60	TETRAHYDROFURAN
39130.513	64	CIS 1,2-DICHLOROETHENE	39179.000	62	3-BUTENENITRILE
39132.017	64	3-BUTENENITRILE	39180.857	62	ACETALDEHYDE
39133.88	68	2-PROPANOL	39181.86	66	PROPANAL
39136.21	68	ACETALDEHYDE	39181.87	66	2-PROPANOL
39136.518	66	2,5-DIHYDROFURAN	39182.057	65	EPOXYBUTANE
39136.730	54.4	DICHLOROMETHANE	39182.615	63	OIMETHYL DISULFIDE
39138.081	62	2-PROPANOL	39184.88	63	TETRAHYDROFURAN
39141.301	68	1,2-DICHLOROCETHANE	39185.57	66	1,2-DICHLOROETHANE
39141.422	65	1,1-DICHLOROETHANE	39188.599	63	TETRAHYDROFURAN
39142.680	63	THIOPHENE	39189.595	60	OXYBISMETHANE
39142.79	67	1,1-DICHLOROETHANE	39192.356	67	1,2-DICHLOROCETHANE
39143.144	61	2,5-DIHYDROFURAN	39192.7	65	ETHANOL
39143.99	60	TETRAHYDROFURAN	39195.191	59	ACETALDEHYDE
39144.32	67	2-PROPANOL	39195.199	66	1,1-DICHLOROETHANE
39144.590	68	2-PROPEN-1-OL	39196.91	67	1,1-DICHLOROETHANE
39144.809	60.4	2-PROPANONE	39198.209	64	CIS 1,2-DICHLOROETHENE
39146.030	66	ACETALDEHYDE	39198.467	67	OXYBISMETHANE
39149.31	66	CHLOROBENZENE	39201.56	62	TETRAHYDROFURAN
39149.75	68	2-PROPANONE	39202.206	67	CIS 1,2-DICHLOROETHENE
39149.83	66	CHLOROBENZENE	39203.12	68	OXYBISMETHANE
39150.793	61	THIETANE	39204.673	64	ETHANAMINE
39151.526	63	OXETANE	39207.16	67	ACETALDEHYDE
39153.24	67	EPOXYBUTANE	39208.952	61	TETRAHYDROFURAN
39153.836	62	ACETALDEHYDE	39210.105	61	ACETALDEHYDE
39154.28	65	EPOXYBUTANE	39210.621	67	THIETANE
39161.445	67	2,5-DIHYDROFURAN	39212.139	62	TETRAHYDROFURAN
39163.27	67	2-PROPEN-1-OL	39214.355	57.7	DICHLOROMETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
39216.665	56.4	ISOXAZOLE	39250.10	65	2-PROPANONE
39216.757	64	CIS 1,2-DICHLOROETHENE	39250.92	64	2-PROPANONE
39217.147	67	2,5-DIHYDROFURAN	39251.915	63	FLUOROBENZENE
39219.353	64	FLUOROBENZENE	39252.584	67	CIS 1,2-DICHLOROETHENE
39222.66	69	2-PROPANOL	39253.18	65	EPOXYBUTANE
39225.07	66	DICHLORODIFLUOROMETHANE	39253.475	61	2-PROPANOL
39225.712	64	CIS 1,2-DICHLOROETHENE	39253.758	66	2-PROPEN-1-CL
39225.94	67	ACETALDEHYDE	39254.13	65	EPOXYBUTANE
39226.47	62	NITROMETHANE	39254.29	66	NITROMETHANE
39229.047	64	1,1-DIFLUOROETHENE	39257.077	56.2	2,5-DIHYDROFURAN
39229.460	66	2-CHLOROPROPANE	39257.945	52.7	OXETANE
39230.963	58.9	FLUOROBENZENE	39257.97	61	TETRAHYDROFURAN
39231.369	63	TETRAHYDROFURAN	39258.48	63	TETRAHYDROFURAN
39231.913	62	OXYBISMETHANE	39260.765	59.8	THIETANE
39232.04	64	2-PROPANONE	39261.077	65	OXYBISMETHANE
39233.07	59	OXYBISMETHANE	39261.777	62	3-BUTENENITRILE
39233.201	68	1,2-DICHLOROETHANE	39264.854	65	CIS 1,2-DICHLOROETHENE
39233.22	62	2-PROPANONE	39268.190	62	2(3H)-DIHYDROFURANONE
39233.833	66	EPOXYBUTANE	39269.353	63	THIETANE
39234.300	61	OXYBISMETHANE	39271.210	65	ETHANAMINE
39234.547	62	ETHANOL	39271.44	65	3-BUTENENITRILE
39235.00	59	OXYBISMETHANE	39272.12	65	METHYL SULFIDE
39235.248	60	TETRAHYDROFURAN	39272.867	61	METHYL SULFIDE
39235.598	61	DICHLORODIFLUOROMETHANE	39272.954	62	TETRAHYDROFURAN
39235.96	65	CIS 1,2-DICHLOROETHENE	39273.62	65	METHYL SULFIDE
39239.24	66	CIS 1,2-DICHLOROETHENE	39273.861	65	1,1-DICHLOROETHANE
39240.28	63	2-PROPENENITRILE	39274.76	66	CIS 1,2-DICHLOROETHENE
39240.61	66	CHLORODIFLUOROMETHANE	39275.158	65	CIS 1,2-DICHLOROETHENE
39240.664	60	CIS 1,2-DICHLOROETHENE	39277.517	61	TETRAHYDROFURAN
39241.424	64	OXYBISMETHANE	39281.213	60	OXETANE
39241.72	67	CIS 1,2-DICHLOROETHENE	39282.102	67	DICHLOROMETHANE
39242.612	65	2-OXO-PROPANAL	39283.241	65	DICHLOROMETHANE
39242.72	68	2-PROPANONE	39284.372	67	DICHLOROMETHANE
39243.075	62	TETRAHYDROFURAN	39284.64	68	ACETALDEHYDE
39244.292	61	1,1-DIFLUOROETHENE	39285.090	63	EPOXYBUTANE
39244.33	68	ACETALDEHYDE	39285.68	59	METHYL SULFIDE
39244.48	64	CHLORODIFLUOROMETHANE	39286.230	55.6	METHYL SULFIDE
39245.376	66	CIS 1,2-DICHLOROETHENE	39286.78	59	METHYL SULFIDE
39245.57	66	DICHLORODIFLUOROMETHANE	39287.10	63	TETRAHYDROFURAN
39246.35	66	2-PROPANOL	39287.267	65	ACETALDEHYDE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
39293.867	66	2-OXO-PROPANAL	39331.127	61	TETRAHYDROFURAN
39294.292	60	TETRAHYDROFURAN	39334.228	66	1,2-DICHLOROETHANE
39296.373	69	THIETANE	39334.869	67	THIETANE
39296.979	57	ETHANAMINE	39335.78	65	DICHLORODIFLUOROMETHANE
39297.673	63	2-PROPEN-1-OL	39337.88	68	2-PROPANONE
39297.958	55.5	2,5-DIHYDROFURAN	39338.184	60.2	THIETANE
39299.540	57.5	ISOXAZOLE	39338.90	65	METHYL SULFIDE
39300.355	62	1,2-DICHLOROETHANE	39339.712	67	DICHLOROMETHANE
39300.502	64	1,1-DICHLOROETHANE	39341.528	67	2-PROPEN-1-OL
39300.866	66	ACETALDEHYDE	39342.697	64	2,5-DIHYDROFURAN
39302.348	62	DICHLOROMETHANE	39343.574	60	TETRAHYDROFURAN
39302.913	55.1	PYRROLE	39349.893	67	METHYL SULFIDE
39305.13	68	METHYL SULFIDE	39352.717	61	2-PROPANONE
39306.518	67	1,2-DICHLOROETHANE	39354.319	66	2,5-DIHYDROFURAN
39306.55	65	1,1-DICHLOROETHANE	39354.803	64	EPOXYBUTANE
39307.53	64	1,1-DICHLOROETHANE	39354.805	64	EPOXYBUTANE
39308.242	65	METHYL SULFIDE	39355.25	65	METHYL SULFIDE
39308.44	65	1,1-DICHLOROETHANE	39355.341	61	TETRAHYDROFURAN
39308.639	63	TETRAHYDROFURAN	39355.55	66	DICHLORODIFLUOROMETHANE
39308.64	67	2-PROPANOL	39356.164	64	OXETANE
39309.776	68	METHYL SULFIDE	39356.717	58.6	FURAN
39309.85	61	TETRAHYDROFURAN	39358.015	49.5	ISOXAZOLE
39310.473	65	THIETANE	39358.133	66	OXYBISMETHANE
39311.127	66	2-FURANCARBOXALDEHYDE	39360.91	67	1,1-DICHLOROETHANE
39313.965	66	EPOXYBUTANE	39361.76	67	2-PROPANOL
39314.046	52	OXETANE	39362.235	65	1,1-DICHLOROETHANE
39314.51	68	2-PROPANONE	39362.559	54	ACETALDEHYDE
39314.74	67	2,5-DIHYDROFURAN	39363.352	61	METHANAMINE
39315.463	65	2-PROPYN-1-OL	39363.731	63	THIETANE
39318.773	64	TETRAHYDROFURAN	39364.362	60.7	TETRAHYDROFURAN
39318.80	63	NITROMETHANE	39364.613	66	2-PROPANONE
39320.469	59	METHYLOXIRANE	39364.68	65	TETRAHYDROTHIOPHENE
39320.831	61	TETRAHYDROFURAN	39366.841	65	1,1-DIFLUOROETHENE
39321.728	69	TRICHLOROMETHANE	39369.057	63	PYRROLE
39322.43	70	TRICHLOROMETHANE	39369.267	53.9	OXETANE
39326.563	65	1,1-DICHLOROETHANE	39369.314	55.7	CHLORODIFLUOROMETHANE
39327.83	66	1,1-DICHLOROETHANE	39371.005	60	TETRAHYDROFURAN
39328.502	60.4	TETRAHYDROFURAN	39371.256	55.8	CHLORODIFLUOROMETHANE
39329.77	68	2-PROPANOL	39374.764	66	ACETALDEHYDE
39330.42	60	NITROMETHANE	39375.301	61	1,2-DICHLOROETHANE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
39375.732	60	TETRAHYDROFURAN	39417.436	62	TETRAHYDROTHIOPHENE
39376.137	66	2,5-DIHYDROFURAN	39417.57	67	2-OXO-PROPANAL
39376.326	67	THIETANE	39418.004	65	METHYL SULFIDE
39377.577	67	THIOPHENE	39418.112	66	THIETANE
39378.750	64	TETRAHYDROFURAN	39418.399	52.3	PYRROLE
39378.769	53.8	PYRROLE	39420.809	65	1,2-DICHLOROETHANE
39380.951	64	DICHLOROMETHANE	39421.26	67	1,2-DICHLOROCETHANE
39381.171	62	TETRAHYDROFURAN	39423.059	56.5	FURAN
39381.469	66	OXYBISMETHANE	39424.579	65	2(3H)-DIHYDROFURANONE
39381.689	61	DICHLOROMETHANE	39425.968	49.2	1,1-DIFLUOROETHENE
39382.295	62	DICHLOROMETHANE	39426.93	68	1,1-DICHLOROETHANE
39384.247	57.6	THIETANE	39429.144	62	ETHANAMINE
39385.443	64	DICHLOROMETHANE	39429.188	65	PYRROLE
39386.47	61	DICHLOROMETHANE	39429.47	67	2,5-DIHYDROFURAN
39386.791	61	DICHLOROMETHANE	39430.173	62	THIETANE
39387.746	60	DICHLOROMETHANE	39430.835	63	CIS 1,2-DICHLOROETHENE
39387.859	67	1,1-DICHLOROCETHANE	39431.235	57.0	FURAN
39388.100	66	1,2-DICHLOROCETHANE	39431.817	63	METHYL SULFIDE
39388.508	49.9	METHYLOXIRANE	39433.46	63	ETHANAMINE
39388.646	62	DICHLOROMETHANE	39439.99	68	CHLOROBENZENE
39390.678	66	2-PROPANONE	39441.249	66	1-PROPANOL
39391.709	56.5	THIETANE	39443.974	64	TETRAHYDROTHIOPHENE
39391.905	63	DICHLOROMETHANE	39444.262	65	METHANAMINE
39392.360	62	DICHLOROMETHANE	39445.338	58	FLUOROETHENE
39392.58	62	DICHLOROMETHANE	39445.670	66	METHYL SULFIDE
39393.118	62	DICHLOROMETHANE	39447.007	53.2	SULFUR DIOXIDE
39393.707	61	CHLORODIFLUOROMETHANE	39451.09	71	TRICHLOROFUOROMETHANE
39395.024	61	CHLORODIFLUOROMETHANE	39451.97	67	TRICHLOROFUOROMETHANE
39395.704	64	2,5-DIHYDROFURAN	39452.377	67	TRICHLOROFUOROMETHANE
39398.617	64	TETRAHYDROFURAN	39452.511	61	ETHANOL
39400.512	67	FLUOROETHENE	39454.365	54.4	FURAN
39400.777	66	PROPANAL	39454.742	57.0	ACETALDEHYDE
39401.32	65	2,5-DIHYDROFURAN	39455.210	62	1,2-DICHLOROCETHANE
39402.232	64	CHLORODIFLUOROMETHANE	39455.595	62	2,5-DIHYDROFURAN
39403.195	66	DICHLOROMETHANE	39455.909	67	CHLOROBENZENE
39403.921	63	CIS 1,2-DICHLOROETHENE	39456.681	67	CHLOROBENZENE
39404.15	61	ETHANOL	39457.390	59	2,5-DIHYDROFURAN
39404.88	61	ETHANOL	39457.57	66	DICHLORODIFLUOROMETHANE
39406.357	62	CHLORODIFLUOROMETHANE	39457.98	68	2-PROPANONE
39409.288	67	1,1-DICHLOROCETHANE	39458.724	61	ETHANOL

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
39458.914	60.1	PYRROLE	39497.627	60.2	2-PROPYN-1-OL
39459.402	63	FLUORCETHENE	39499.398	66	1,2-DICHLOROETHANE
39460.636	65	FORMAMIDE	39500.204	65	2,5-DIHYDROFURAN
39461.563	65	CHLOROBENZENE	39500.233	60.4	1,1-DIFLUOROETHENE
39461.825	62	TETRAHYDROTHIOPHENE	39504.725	63	ETHYLENE GLYCOL CYCLIC SULFITE
39462.33	67	CHLOROBENZENE	39505.176	66	OXETANE
39464.170	66	2,5-DIHYDROFURAN	39505.98	67	PROPANAL
39464.421	64	THIETANE	39506.998	64	2-PROPYN-1-OL
39465.378	64	ACETALDEHYDE	39507.106	65	EPOXYBUTANE
39468.507	53.0	ISOXAZOLE	39509.66	65	CHLOROBENZENE
39469.34	66	CHLOROBENZENE	39510.153	64	CHLOROBENZENE
39469.53	65	1,1-DICHLOROETHANE	39511.530	64	TETRAHYDROFURAN
39469.94	66	CHLOROBENZENE	39512.125	56.7	OXETANE
39470.63	63	2-PROPANONE	39512.66	59	METHANETHICL
39470.870	63	TETRAHYDROFURAN	39513.30	64	CHLOROBENZENE
39471.56	62	1,1-DICHLOROETHANE	39513.729	62	2,5-DIHYDROFURAN
39472.235	51	ISOXAZOLE	39514.985	56	THIAZOLE
39472.37	60	1,1-DICHLOROETHANE	39516.847	64	2-PROPANONE
39473.17	62	1,1-DICHLOROETHANE	39518.276	54.7	METHANAMINE
39474.07	67	CHLOROBENZENE	39519.467	58	ETHANAMINE
39474.70	67	CHLOROBENZENE	39519.670	65	FORMIC ACID, METHYL ESTER
39474.949	67	2-OXO-PROPANAL	39519.78	61	ETHANAMINE
39477.994	47.9	FLUOROETHENE	39521.109	61	OXYBISMETHANE
39478.782	65	THIETANE	39521.529	55	METHANAMINE
39479.52	64	CHLOROBENZENE	39522.217	59	FLUOROBENZENE
39480.844	59	TETRAHYDROTHIOPHENE	39525.71	68	CHLORODIFLUOROMETHANE
39480.955	62	2-PROPANONE	39526.040	67	OXYBISMETHANE
39481.078	55	THIAZOLE	39527.223	64	FORMIC ACID, METHYL ESTER
39481.769	67	CIS 1,2-DICHLOROETHENE	39529.375	65	1,1-DIFLUOROETHENE
39486.75	63	CHLOROBENZENE	39531.293	63	PYRROLE
39486.78	67	OXYBISMETHANE	39531.59	59	NITROMETHANE
39487.23	63	CHLOROBENZENE	39533.40	55	PYRIDINE
39488.84	67	CHLOROETHANE	39534.655	64	2-FURAN CARBOXYALDEHYDE
39490.572	58.3	ETHANOL	39536.874	67	FLUOROBENZENE
39490.67	63	CHLOROBENZENE	39537.956	67	2-OXO-PROPANAL
39490.853	65	CIS 1,2-DICHLOROETHENE	39539.955	66	2-CHLOROPROPANE
39491.15	64	CHLOROBENZENE	39540.333	63	2-PROPEN-1-OL
39491.95	67	CHLOROETHANE	39540.67	65	2-CHLOROPROPANE
39494.593	51.1	ISOXAZOLE	39541.878	63	2-PROPANOL
39496.799	64	TETRAHYDROFURAN	39542.786	61	CHLOROBENZENE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
39545.28	61	CHLOROBENZENE	39591.996	63	OXYBISMETHANE
39545.906	66	1,1-DICHLORCETHANE	39592.483	62	CHLOROBENZENE
39548.942	66	FLUOROBENZENE	39594.299	54.0	ACETALDEHYDE
39549.10	66	CHLOROBENZENE	39596.474	60	METHANOL
39549.265	57.8	OXETANE	39597.325	60.0	2-PROPYN-1-OL
39549.40	64	2-PROPANOL	39598.76	64	2-PROPANOL
39550.433	60.1	2-PROPANONE	39599.82	67	2-PROPANONE
39551.127	66	FLUOROBENZENE	39603.3	68	ETHANOL
39552.59	68	DICHLORODIFLUOROMETHANE	39603.827	65	2,5-DIHYDROFURAN
39553.19	66	DICHLORODIFLUOROMETHANE	39606.58	67	2-CHLOROPROPANE
39563.123	66	FORMAMIDE	39606.381	58.3	FLUOROBENZENE
39564.251	52.5	1,1-DIFLUORCETHENE	39607.124	57.3	2,5-DIHYDROFURAN
39565.472	65	DICHLOROMETHANE	39608.020	63	TETRAHYDROTHIOPHENE
39567.623	67	2-FURANCARBOXALDEHYDE	39609.77	65	CIS 1,2-DICHLOROETHENE
39568.620	65	ACETALDEHYDE	39610.191	63	OXYBISMETHANE
39569.023	65	1,2-DICHLORCETHANE	39611.21	64	CIS 1,2-DICHLOROETHENE
39569.144	65	DICHLOROMETHANE	39611.71	66	OXYBISMETHANE
39569.45	67	2-PROPANOL	39612.36	67	2-PROPANONE
39569.67	67	1,2-DICHLOROETHANE	39612.528	64	TETRAHYDROFURAN
39570.185	65	DICHLOROMETHANE	39613.902	63	2-PROPEN-1-CL
39573.846	65	DICHLOROMETHANE	39614.983	66	OXYBISMETHANE
39574.33	61	OXIRANE	39620.203	61	2-PROPYN-1-OL
39574.600	64	TETRAHYDROTHIOPHENE	39620.95	67	FLUOROBENZENE
39574.720	67	1,2-DICHLORCETHANE	39621.33	70	TRICHLOROMETHANE
39576.54	69	METHYL SULFIDE	39621.72	69	TRICHLOROMETHANE
39579.31	66	CHLOROBENZENE	39622.48	68	TRICHLOROMETHANE
39580.525	66	TETRAHYDROTHIOPHENE	39623.258	67	OXYBISMETHANE
39581.115	63	DICHLOROMETHANE	39623.35	63	TRICHLOROMETHANE
39581.265	64	CHLOROBENZENE	39624.13	63	TRICHLOROMETHANE
39581.589	46.5	OXIRANE	39624.98	67	TRICHLOROMETHANE
39581.668	66	2-FURANCARBOXALDEHYDE	39625.912	66	METHYL SULFIDE
39582.821	65	ACETALDEHYDE	39626.03	69	TRICHLOROMETHANE
39584.654	66	2-CHLOROPROPANE	39626.775	62	CHLOROBENZENE
39585.751	59.1	DICHLOROMETHANE	39626.86	70	TRICHLOROMETHANE
39587.04	67	2-CHLOROPROPANE	39626.92	66	2,5-DIHYDROFURAN
39587.438	65	ACETALDEHYDE	39627.929	65	OXYBISMETHANE
39589.003	65	FLUOROBENZENE	39628.785	64	CHLOROBENZENE
39590.386	64	DICHLOROMETHANE	39629.040	54.1	2,5-DIHYDROFURAN
39590.569	63	CHLOROBENZENE	39630.398	61	METHYL SULFIDE
39591.706	65	2-CHLOROPROPANE	39634.896	66	METHYL SULFIDE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
39635.737	61	FLUOROBENZENE	39681.780	63	1,2-DICHLOROETHANE
39637.860	61	TETRAHYDROTHIOPHENE	39681.782	62	1,2-DICHLOROETHANE
39641.04	65	CHLORODIFLUOROMETHANE	39682.64	65	1,2-DICHLOROETHANE
39642.168	66	NITROMETHANE	39682.64	66	1,2-DICHLOROETHANE
39643.23	66	DICHLORODIFLUOROMETHANE	39682.955	67	FORMIC ACID, METHYL ESTER
39643.65	65	CHLORODIFLUOROMETHANE	39686.339	63	OXYBISMETHANE
39645.851	63	2-PROPYN-1-OL	39691.356	63	CIS 1,2-DICHLOROETHENE
39646.563	67	DICHLOROMETHANE	39695.902	64	CIS 1,2-DICHLOROETHENE
39649.517	67	2-PROPEN-1-OL	39697.49	65	2-PROPANONE
39651.33	67	DICHLOROMETHANE	39697.758	57.2	METHYL THIIRANE
39651.65	68	DICHLOROMETHANE	39697.815	65	CIS 1,2-DICHLOROETHENE
39652.332	59	ETHANETHIOL	39699.047	49.1	PYRROLE
39652.60	67	DICHLOROMETHANE	39699.802	65	EPOXYBUTANE
39653.576	62	OXETANE	39702.951	67	CHLOROBENZENE
39653.635	59	ETHANETHIOL	39705.249	64	2,5-DIHYDROFURAN
39655.381	67	THIETANE	39706.872	63	OXETANE
39656.02	70	TRICHLOROMETHANE	39710.31	68	1,1-DICHLOROETHANE
39656.258	49.8	1,1-DIFLUOROETHENE	39712.665	64	FLUOROETHENE
39656.502	48.5	METHANAMINE	39713.83	54	ISOXAZOLE
39656.682	65	3-BUTENENITRILE	39719.502	63	PYRIDINE
39656.990	60.2	2-PROPYN-1-OL	39720.171	63	EPOXYBUTANE
39657.143	51	METHANAMINE	39721.683	66	2(3H)-DIHYDROFURANONE
39660.321	67	2-PROPEN-1-OL	39721.950	67	2-OXO-PROPANAL
39661.028	62	TETRAHYDROTHIOPHENE	39723.950	62	2,5-DIHYDROFURAN
39661.34	71	TRICHLOROMETHANE	39725.475	67	2(3H)-DIHYDROFURANONE
39663.034	62	2,5-DIHYDROFURAN	39727.837	63	2(3H)-DIHYDROFURANONE
39663.72	68	2-PROPANONE	39728.952	67	2-PROPEN-1-OL
39664.80	63	CHLOROBENZENE	39732.691	64	2(3H)-DIHYDROFURANONE
39665.49	66	CIS 1,2-DICHLOROETHENE	39733.886	62	2,5-DIHYDROFURAN
39666.156	60	CHLOROBENZENE	39736.894	69	THIOPHENE
39666.94	65	CIS 1,2-DICHLOROETHENE	39737.252	62	TETRAHYDROTHIOPHENE
39667.520	63	CHLOROBENZENE	39737.540	59	FLUOROBENZENE
39667.743	65	1,1-DICHLOROETHANE	39738.800	64	2,5-DIHYDROFURAN
39668.975	69	METHYL SULFIDE	39739.289	66	FLUOROBENZENE
39672.170	65	2,5-DIHYDROFURAN	39740.35	59	FLUOROBENZENE
39673.345	67	OXYBISMETHANE	39742.022	59.1	2,5-DIHYDROFURAN
39676.568	56.8	DICHLOROMETHANE	39742.25	68	FORMAMIDE
39680.088	46.1	OXIRANE	39743.057	66	FORMAMIDE
39680.95	65	1,2-DICHLOROETHANE	39744.872	65	FORMIC ACID, METHYL ESTER
39680.96	65	1,2-DICHLOROETHANE	39746.012	63	ACETALDEHYDE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
39747.64	57	PYRIDINE	39795.619	65	2,5-DIHYDROFURAN
39749.966	62	2,5-DIHYDROFURAN	39795.733	63	CHLORODIFLUOROMETHANE
39751.120	62	CIS 1,2-DICHLOROETHENE	39795.85	62	DICHLOROMETHANE
39751.42	58	THIAZOLE	39796.17	63	2(3H)-DIHYDROFURANONE
39751.536	66	2-PROPEN-1-OL	39796.23	63	3-BUTENENITRILE
39751.605	68	EPOXYBUTANE	39796.239	63	CHLORODIFLUOROMETHANE
39752.06	68	FLUOROBENZENE	39796.56	65	CIS 1,2-DICHLOROETHENE
39754.287	63	CIS 1,2-DICHLOROETHENE	39796.57	66	EPOXYBUTANE
39755.64	64	2-PROPANONE	39797.072	63	DICHLOROMETHANE
39757.572	63	CIS 1,2-DICHLOROETHENE	39798.089	60	EPOXYBUTANE
39757.82	68	2-PROPANONE	39800.58	64	1,1-DICHLOROETHANE
39758.49	63	CIS 1,2-DICHLOROETHENE	39801.38	66	1,1-DICHLOROCETHANE
39758.634	67	EPOXYBUTANE	39801.66	59	ETHANOL
39760.658	63	TETRAHYDROFURAN	39802.400	63	OXYBISMETHANE
39761.750	64	CIS 1,2-DICHLOROETHENE	39802.45	66	1,2-DICHLOROETHANE
39763.601	65	FURAN	39802.876	64	CIS 1,2-DICHLOROETHENE
39764.10	67	2-PROPANONE	39803.24	59	ETHANOL
39767.697	64	FLUOROBENZENE	39804.369	65	NITROMETHANE
39769.667	59.8	2,5-DIHYDROFURAN	39804.602	67	2(3H)-DIHYDROFURANONE
39770.47	66	FLUOROBENZENE	39805.833	64	METHYL SULFIDE
39771.43	63	3-BUTENENITRILE	39805.937	66	CIS 1,2-DICHLOROETHENE
39772.88	64	1,1-DICHLOROETHANE	39807.676	62	2,5-DIHYDROFURAN
39773.350	64	2-PROPANONE	39809.182	63	PYRROLE
39773.43	66	1,1-DICHLOROCETHANE	39809.25	67	CIS 1,2-DICHLOROETHENE
39775.09	68	1,1-DICHLOROCETHANE	39810.08	65	CIS 1,2-DICHLOROETHENE
39775.202	56.3	2(3H)-DIHYDROFURANONE	39810.798	65	CHLOROBENZENE
39776.931	63	METHANAMINE	39811.587	59	CIS 1,2-DICHLOROETHENE
39778.091	67	1,1-DICHLOROETHANE	39811.811	63	CHLOROBENZENE
39779.203	66	OXYBISMETHANE	39812.854	69	1,2-DICHLOROETHANE
39779.441	64	CHLOROBENZENE	39813.07	65	CIS 1,2-DICHLOROETHENE
39780.445	64	CHLOROBENZENE	39813.292	65	2,5-DIHYDROFURAN
39781.045	67	FURAN	39814.528	64	EPOXYBUTANE
39781.299	62	TETRAHYDROFURAN	39815.48	66	ACETALDEHYDE
39782.697	67	2-OXO-PROPANAL	39816.716	66	CHLOROBENZENE
39785.2	66	ETHANOL	39817.714	66	CHLOROBENZENE
39788.19	63	2(3H)-DIHYDROFURANONE	39818.25	68	1,2-DICHLOROCETHANE
39789.56	67	CHLORODIFLUOROMETHANE	39818.670	62	OXYBISMETHANE
39794.333	63	DICHLOROMETHANE	39820.26	65	CIS 1,2-DICHLOROETHENE
39795.01	62	2(3H)-DIHYDROFURANONE	39822.114	60	OXYBISMETHANE
39795.57	62	DICHLOROMETHANE	39823.209	62	2,5-DIHYDROFURAN

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
39823.238	65	1,2-DICHLOROETHANE	39869.959	64	CIS 1,2-DICHLOROETHENE
39824.59	68	DICHLORODIFLUOROMETHANE	39870.19	66	DICHLORODIFLUOROMETHANE
39825.961	63	OXYBISMETHANE	39870.287	62	EPOXYBUTANE
39828.252	64	DICHLOROMETHANE	39870.386	64	OXYBISMETHANE
39829.586	61	2,5-DIHYDROFURAN	39871.208	65	1,1-DICHLOROETHANE
39832.36	64	3-BUTENENITRILE	39872.160	64	CIS 1,2-DICHLOROETHENE
39833.89	65	3-BUTENENITRILE	39872.39	67	1,1-DICHLOROETHANE
39835.546	64	PYRROLE	39874.32	64	DICHLOROMETHANE
39836.444	64	DICHLOROMETHANE	39874.35	65	CIS 1,2-DICHLOROETHENE
39837.58	65	3-BUTENENITRILE	39874.615	62	DICHLOROMETHANE
39840.031	66	CHLOROETHENE	39874.776	63	2-FURANCARBOXALDEHYDE
39846.289	68	PROPANAL	39874.92	65	DICHLOROMETHANE
39847.274	62	2-PROPANONE	39875.120	65	1,2-DICHLOROETHANE
39848.946	65	CHLOROBENZENE	39875.844	65	CIS 1,2-DICHLOROETHENE
39849.463	65	1,1-DIFLUOROETHENE	39877.333	62	METHANETHIOL
39849.858	65	CHLOROBENZENE	39880.121	64	2-FURANCARBOXALDEHYDE
39851.08	67	1,1-DICHLOROETHANE	39880.268	62	TETRAHYDROFURAN
39851.339	65	2,5-DIHYDROFURAN	39880.271	62	TETRAHYDROFURAN
39852.723	66	1,1-DICHLOROETHANE	39880.634	55.1	OXETANE
39852.965	67	METHYL SULFIDE	39882.32	63	ETHANOL
39854.10	67	1,1-DICHLOROETHANE	39882.918	67	METHYL SULFIDE
39856.363	64	FORMIC ACID, METHYL ESTER	39882.973	62	2-FURANCARBOXALDEHYDE
39858.043	67	1,2-DICHLOROETHANE	39888.27	62	3-BUTENENITRILE
39858.772	58	2-FURANCARBOXALDEHYDE	39891.529	66	2-OXO-PROPANAL
39859.102	66	CHLOROETHANE	39892.13	67	1,2-DICHLOROETHANE
39859.56	62	CHLOROBENZENE	39893.686	56	2,5-DIHYDROFURAN
39860.05	66	CHLOROETHANE	39894.475	60	PYRROLE
39860.17	62	CHLOROBENZENE	39894.794	67	1,2-DICHLOROETHANE
39860.47	67	OXYBISMETHANE	39896.14	60	EPOXYBUTANE
39860.876	63	2(3H)-DIHYDROFURANONE	39898.267	67	2-FURANCARBOXALDEHYDE
39862.05	59	OXYBISMETHANE	39898.642	66	EPOXYBUTANE
39862.599	57	OXYBISMETHANE	39899.643	65	CIS 1,2-DICHLOROETHENE
39864.20	66	CIS 1,2-DICHLOROETHENE	39902.93	68	2-PROPANONE
39865.485	68	1,2-DICHLOROETHANE	39906.632	55.1	2,5-DIHYDROFURAN
39866.942	61	2,5-DIHYDROFURAN	39908.689	65	2-FURANCARBOXALDEHYDE
39867.02	65	2-PROPANONE	39911.443	61	PYRIDINE
39867.936	62	METHYL SULFIDE	39911.938	65	2,5-DIHYDROFURAN
39868.770	61	METHANAMINE	39912.66	63	PYRIDINE
39869.35	64	EPOXYBUTANE	39912.859	51	ISOXAZOLE
39869.37	59	METHANAMINE	39914.684	52	ISOXAZOLE

TABLE II. - Continued

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
39914.656	65	1,1-DICHLOROETHANE	39958.238	61	1,2-DICHLOROETHANE
39916.900	66	FLUOROBENZENE	39958.240	61	1,2-DICHLOROCETHANE
39916.91	61	OXYBISMETHANE	39958.487	58.6	THIETANE
39916.98	64	3-BUTENENITRILE	39958.923	65	2,5-DIHYDROFURAN
39917.677	57.6	OXYBISMETHANE	39959.33	63	1,1-DICHLOROETHANE
39917.793	59.0	NITROMETHANE	39959.970	66	FORMIC ACID, METHYL ESTER
39918.91	63	2-PROPANONE	39960.75	67	2-PROPANONE
39922.70	67	2-PROPANOL	39962.148	60.5	2,5-DIHYDROFURAN
39923.50	67	1,1-DICHLOROETHANE	39965.550	63	FLUOROBENZENE
39924.598	54.8	ISOXAZOLE	39965.849	60	2,5-DIHYDROFURAN
39924.854	63	TETRAHYDROFURAN	39969.03	56	2,5-DIHYDROFURAN
39924.86	66	1,1-DICHLOROETHANE	39971.67	66	1,1-DICHLOROETHANE
39926.54	65	2-PROPANOL	39972.88	64	1,1-DICHLOROETHANE
39927.152	52	PYRROLE	39972.945	59.7	2,5-DIHYDROFURAN
39928.451	53.5	METHANAMINE	39974.11	65	1,1-DICHLOROETHANE
39928.990	64	2,5-DIHYDROFURAN	39975.276	65	CIS 1,2-DICHLOROETHENE
39929.192	56	METHANAMINE	39976.875	65	2-PROPYN-1-OL
39934.908	60.3	FLUOROBENZENE	39977.541	66	CIS 1,2-DICHLOROETHENE
39938.95	57	PYRIDINE	39978.14	65	1,1-DICHLOROCETHANE
39939.172	59	2,5-DIHYDROFURAN	39979.562	62	1,1-DICHLOROETHANE
39941.422	56.6	AMMONIA	39980.00	65	1,1-DICHLOROETHANE
39941.502	64	1,1-DICHLOROETHANE	39980.84	66	DICHLORODIFLUOROMETHANE
39943.609	62	2,5-DIHYDROFURAN	39981.847	63	2-PROPEN-1-OL
39944.86	63	CHLOROETHANE	39986.00	64	CIS 1,2-DICHLOROETHENE
39945.64	61	CHLOROETHANE	39986.644	66	FLUOROBENZENE
39946.588	61	CHLOROETHANE	39987.585	68	CIS 1,2-DICHLOROETHENE
39948.247	62	METHYLOXIRANE	39988.944	67	1,2-DICHLOROCETHANE
39948.309	54	METHANAMINE	39989.34	69	1,2-DICHLOROETHANE
39948.504	66	EPOXYBUTANE	39989.94	65	2-PROPANONE
39952.04	64	2-PROPANONE	39990.36	62	CIS 1,2-DICHLOROETHENE
39953.259	65	CHLOROTRIFLUOROMETHANE	39991.339	65	2,5-DIHYDROFURAN
39953.997	66	CHLOROTRIFLUOROMETHANE	39992.63	66	DICHLORODIFLUOROMETHANE
39955.480	66	CHLOROTRIFLUOROMETHANE	39993.50	67	1,1-DICHLOROCETHANE
39955.971	65	1,2-DICHLOROETHANE	39994.778	62	CIS 1,2-DICHLOROETHENE
39956.420	60	PYRROLE	39994.918	60	DICHLOROMETHANE
39956.63	63	1,1-DICHLOROETHANE	39995.773	58	DICHLOROMETHANE
39957.077	63	1,2-DICHLOROCETHANE	39996.534	58	DICHLOROMETHANE
39957.078	63	1,2-DICHLOROETHANE	39996.639	62	OXETANE
39957.970	62	1,1-DICHLOROCETHANE	39997.091	64	2-METHYLFURAN
39958.148	63	ETHANETHIOL	39998.68	60	ISOXAZOLE

TABLE II.- Concluded

Frequency, MHz	-10 log γ	Name	Frequency, MHz	-10 log γ	Name
40000.388	60	DICHLORCMETHANE	40025.398	61	CHLOROTRIFLUORMETHANE
40000.623	51.6	ISOXAZOLE	40025.886	64	CHLOROTRIFLUORMETHANE
40001.900	52	DICHLOROMETHANE	40026.060	62	CHLOROTRIFLUORMETHANE
40003.343	58.3	DICHLOROMETHANE	40026.538	62	CHLOROTRIFLUORMETHANE
40020.728	66	CHLORCTRIFLUORMETHANE	40026.971	61	CHLOROTRIFLUORMETHANE
40023.437	61	CHLOROTRIFLUORMETHANE	40027.618	61	CHLOROTRIFLUORMETHANE
40024.549	62	CHLOROTRIFLUORMETHANE	40028.465	61	CHLOROTRIFLUORMETHANE
			40029.583	61	CHLOROTRIFLUORMETHANE



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